

Product Datasheet - Technical Specifications



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4 Technical Specification

This chapter will introduce the main technical parameters of this load, such as rated voltage/current/power and so on. Besides, we will introduce the working environment and storage temperature.

4.1 Main specifications

4.1.1 IT8902A-150-200

Model		IT8902A-150-200	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~20A	0~200A
	Input power	2KW	
	Min. operating voltage	0.18V/20A	1.8V/200A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~20A	0~200A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	

Model		IT8902A-150-200	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.4A/uS	0.01~4A/uS
	Min. rise time	≈12uS	≈12uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~20A	0~200A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	2KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈2.02KW		
Overcurrent protection	≈21A	≈210A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈21A	≈210A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈9mΩ	
Input terminal impedance	≈800KΩ		
Height	4U		
Weight	28 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.2 IT8902A-600-140

Model		IT8902A-600-140	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~14A	0~140A
	Input power	2KW	
	Min. operating voltage	0.42V/14A	4.2V/140A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~14A	0~140A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.03Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.2A/uS	0.01~2A/uS
	Min. rise time	≅20uS	≅20uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V

Model		IT8902A-600-140	
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~14A	0~140A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power*2	Range	2KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 2.02KW$		
Overcurrent protection	$\approx 14.7A$	$\approx 147A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 14.7A$	$\approx 147A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 30m\Omega$	
Input terminal impedance	$\approx 1M\Omega$		
Height	4U		
Weight	28Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.3 IT8902A-1200-80

Model		IT8902A-1200-80	
Rated value (0~40 °C)	Input voltage	0~1200V	
	Input current	0~8A	0~80A
	Input power	2KW	
	Min. operating voltage	1.2V/8A	12V/80A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~8A	0~80A
	Resolution	0.1mA	1mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.2 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS \pm 100ppm	
	Ascending/descending slope	0.0001~0.1A/uS	0.001~1 A/uS
	Min. rise time	\approx 30uS	\approx 30uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~8A	0~80A
	Resolution	0.1mA	1mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power*2	Range	2KW	

Model		IT8902A-1200-80	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≒2.02KW		
Overcurrent protection	≒8.4A	≒84A	
Overvoltage protection	≒1250V		
Overtemperature protection	≒85°C		
Specification			
Short circuit	Current (CC)	≒8.4A	≒84A
	Voltage (CV)	0V	0V
	Resistance (CR)	≒150mΩ	≒150mΩ
Input terminal impedance	≒1.8MΩ		
Height	4U		
Weight	28Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.4 IT8902E-150-200

Model		IT8902E-150-200	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~20A	0~200A
	Input power	2KW	

Model		IT8902E-150-200	
	Min. operating voltage	0.18V/20A	1.8V/200A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~20A	0~200A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.01 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20 μ S~3600S /Res:1 μ s/10ms/100ms	
	Accuracy	5 μ S \pm 100ppm	
	Ascending/descending slope	0.001~0.24A/ μ S	0.01~2.4A/ μ S
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~20A	0~200A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	2KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	\approx 2.02KW		

Model		IT8902E-150-200	
Overcurrent protection		≈21A	≈210A
Overvoltage protection		≈157V	
Overtemperature protection		≈85°C	
Specification			
Short circuit	Current (CC)	≈21A	≈210A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈9mΩ	
Input terminal impedance		≈800KΩ	
Height		4U	
Weight		28 Kg	
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.5 IT8902E-600-140

Model		IT8902E-600-140	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~14A	0~140A
	Input power	2KW	
	Min. operating voltage	0.42V/14A	4.2V/140A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)

Model		IT8902E-600-140	
Constant current mode	Range	0~14A	0~140A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.03 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20 μ S~3600S /Res:1 μ s/10ms/100ms	
	Accuracy	5 μ S \pm 100ppm	
	Ascending/de-descending slope	0.001~0.16A/ μ S	0.01~1.6A/ μ S
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~14A	0~140A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	2KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	\approx 2.02KW		
Overcurrent protection	\approx 14.7A	\approx 147A	
Overvoltage protection	\approx 630V		
Overtemperature protection	\approx 85 $^{\circ}$ C		

Model		IT8902E-600-140	
Specification			
Short circuit	Current (CC)	$\approx 14.7A$	$\approx 147A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 30m\Omega$	
Input terminal impedance	$\approx 1M\Omega$		
Height	4U		
Weight	28Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.6 IT8902E-1200-80

Model		IT8902E-1200-80	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~8A	0~80A
	Input power	2KW	
	Min. operating voltage	1.2V/8A	12V/80A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~8A	0~80A
	Resolution	0.1mA	1mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.2 Ω ~10 Ω	10 Ω ~7.5K Ω

Model		IT8902E-1200-80	
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	2KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/de-scending slope	0.0001~0.08A/uS	0.001~0.8A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~8A	0~80A
	Resolution	0.1mA	1mA
	Accuracy	±(0.1%+0.1%FS)	±(0.1%+0.1%FS)
Read-back power*2	Range	2KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≈2.02KW		
Overcurrent protection	≈8.4A	≈84A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈8.4A	≈84A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈150mΩ	≈150mΩ

Model		IT8902E-1200-80	
Input terminal impedance	≈1.8MΩ		
Height	4U		
Weight	28 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	150VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10% FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.7 IT8904A-150-400

Model		IT8904A-150-400	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~40A	0~400A
	Input power	4KW	
	Min. operating voltage	0.18V/40A	1.8V/400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~40A	0~400A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Constant resistance mode*1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	

Model		IT8904A-150-400	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.8A/uS	0.01~8A/uS
	Min. rise time	≈12uS	≈12uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~40A	0~400A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	4KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈4.04KW		
Overcurrent protection	≈42A	≈420A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈42A	≈420A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈4.5mΩ	
Input terminal impedance	≈800KΩ		
Height	4U		
Weight	34 Kg		
AC Input	Voltage	100~240Vac	

Model		IT8904A-150-400
	Frequency	50/60Hz
	Power	200VA max

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.8 IT8904A-600-280

Model		IT8904A-600-280	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~28A	0~280A
	Input power	4KW	
	Min. operating voltage	0.42V/28A	4.2V/280A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~28A	0~280A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	

Model		IT8904A-600-280	
	Ascending/descending slope	0.001~0.4A/uS	0.01~4A/uS
	Min. rise time	≈20uS	≈20uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~28A	0~280A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	4KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈4.04KW		
Overcurrent protection	≈29.4A	≈294A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈29.4A	≈294A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈15mΩ	
Input terminal impedance	≈1MΩ		
Height	4U		
Weight	34 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	200VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.9 IT8904A-1200-160

Model		IT8904A-1200-160	
Rated value (0~40 °C)	Input voltage	0~1200V	
	Input current	0~16A	0~160A
	Input power	4KW	
	Min. operating voltage	1.2V/16A	12V/160A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~16A	0~160A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.1Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.2A/uS	0.01~2 A/uS
	Min. rise time	≈30uS	≈30uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV

Model		IT8904A-1200-160	
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~16A	0~160A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power*2	Range	4KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 4.04KW$		
Overcurrent protection	$\approx 17.6A$	$\approx 176A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 17.6A$	$\approx 176A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 75m\Omega$	
Input terminal impedance	$\approx 1.8M\Omega$		
Height	4U		
Weight	34 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	200VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.10 IT8904E-150-400

Model		IT8904E-150-400	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~40A	0~400A
	Input power	4KW	
	Min. operating voltage	0.18V/40A	1.8V/400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~40A	0~400A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.48A/uS	0.01~4.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~40A	0~400A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	4KW	
	Resolution	0.1W	

Model		IT8904E-150-400	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 4.04KW$		
Overcurrent protection	$\approx 42A$	$\approx 420A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 42A$	$\approx 420A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 4.5m\Omega$	
Input terminal impedance	$\approx 800K\Omega$		
Height	4U		
Weight	34 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	200VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.11 IT8904E-600-280

Model		IT8904E-600-280	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~28A	0~280A
	Input power	4KW	

Model		IT8904E-600-280	
	Min. operating voltage	0.42V/28A	4.2V/280A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~28A	0~280A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.02 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20 μ S~3600S /Res:1 μ s/10ms/100ms	
	Accuracy	5 μ S \pm 100ppm	
	Ascending/de-scending slope	0.001~0.32A/ μ S	0.01~3.2A/ μ S
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~28A	0~280A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	4KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	\cong 4.04KW		

Model		IT8904E-600-280	
Overcurrent protection		$\approx 29.4A$	$\approx 294A$
Overvoltage protection		$\approx 630V$	
Overtemperature protection		$\approx 85^{\circ}C$	
Specification			
Short circuit	Current (CC)	$\approx 29.4A$	$\approx 294A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 15m\Omega$	
Input terminal impedance		$\approx 1M\Omega$	
Height		4U	
Weight		34 Kg	
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	200VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.12 IT8904E-1200-160

Model		IT8904E-1200-160	
Rated value (0~40 °C)	Input voltage	0~1200V	
	Input current	0~16A	0~160A
	Input power	4KW	
	Min. operating voltage	1.2V/16A	12V/160A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$

Model		IT8904E-1200-160	
Constant current mode	Range	0~16A	0~160A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.1 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	4KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20 μ S~3600S /Res:1 μ s/10ms/100ms	
	Accuracy	5 μ S \pm 100ppm	
	Ascending/descending slope	0.001~0.16A/ μ S	0.01~1.6A/ μ S
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~16A	0~160A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	4KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	\approx 4.04KW		
Overcurrent protection	\approx 17.6A	\approx 176A	
Overvoltage protection	\approx 1250V		
Overtemperature protection	\approx 85 $^{\circ}$ C		

Model		IT8904E-1200-160	
Specification			
Short circuit	Current (CC)	$\approx 17.6A$	$\approx 176A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 75m\Omega$	$\approx 75m\Omega$
Input terminal impedance	$\approx 1.8M\Omega$		
Height	4U		
Weight	34 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	250VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.13 IT8906A-150-600

Model		IT8906A-150-600	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~60A	0~600A
	Input power	6KW	
	Min. operating voltage	0.18V/60A	1.8V/600A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~60A	0~600A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω

Model		IT8906A-150-600	
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~1.2A/uS	0.01~12A/uS
	Min. rise time	≅12uS	≅12uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~60A	0~600A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	6KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≅6.05KW		
Overcurrent protection	≅63A	≅630A	
Overvoltage protection	≅157V		
Overtemperature protection	≅85°C		
Specification			
Short circuit	Current (CC)	≅63A	≅630A
	Voltage (CV)	≅0V	≅0V

Model		IT8906A-150-600
	Resistance (CR)	≈3mΩ
Input terminal impedance		≈800KΩ
Height		4U
Weight		40 Kg
AC Input	Voltage	100~240Vac
	Frequency	50/60Hz
	Power	250VA max

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.14 IT8906A-600-420

Model		IT8906A-600-420	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~42A	0~420A
	Input power	6KW	
	Min. operating voltage	0.42V/42A	4.2V/420A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~42A	0~420A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Constant resistance mode*1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	

Model		IT8906A-600-420	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.6A/uS	0.01~6 A/uS
	Min. rise time	≈20uS	≈20uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~42A	0~420A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	6KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈6.05KW		
Overcurrent protection	≈44A	≈440A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈44A	≈440A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈10mΩ	
Input terminal impedance	≈1MΩ		
Height	4U		

Model		IT8906A-600-420	
Weight	40 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	250VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.15 IT8906A-1200-240

Model		IT8906A-1200-240	
Rated value (0~40 °C)	Input voltage	0~1200V	
	Input current	0~24A	0~240A
	Input power	6KW	
	Min. operating voltage	1.2V/24A	12V/240A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~24A	0~240A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode*1	Range	0.1Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		

Model		IT8906A-1200-240	
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/de-scending slope	0.001~0.3A/uS	0.01~3 A/uS
	Min. rise time	≈30uS	≈30uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~24A	0~240A
	Resolution	1mA	10mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power*2	Range	6KW	
	Resolution	0.1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈6.05KW		
Overcurrent protection	≈25.2A	≈252A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈25.2A	≈252A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈50mΩ	≈50mΩ
Input terminal impedance	≈1.6MΩ		
Height	4U		
Weight	40 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	

Model		IT8906A-1200-240
	Power	250VA max

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.16 IT8906E-150-600

Model		IT8906E-150-600	
Rated value (0~40 °C)	Input voltage	0~150V	
	Input current	0~60A	0~600A
	Input power	6KW	
	Min. operating voltage	0.18V/60A	1.8V/600A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~60A	0~600A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.72A/uS	0.01~7.2A/uS

Model		IT8906E-150-600	
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~60A	0~600A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	6KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 6.06KW$		
Overcurrent protection	$\approx 63A$	$\approx 630A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 63A$	$\approx 630A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 3m\Omega$	
Input terminal impedance	$\approx 800K\Omega$		
Height	4U		
Weight	40 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	250VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.17 IT8906E-600-420

Model		IT8906E-600-420	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~42A	0~420A
	Input power	6KW	
	Min. operating voltage	0.42V/42A	4.2V/420A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~42A	0~420A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20uS~3600S /Res:1 us/10ms/100ms	
	Accuracy	5uS±100ppm	
	Ascending/descending slope	0.001~0.48A/uS	0.01~4.8A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~42A	0~420A
	Resolution	1mA	10mA

Model		IT8906E-600-420	
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	6KW	
	Resolution	0.1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 6.06KW$		
Overcurrent protection	$\approx 44A$	$\approx 440A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 44A$	$\approx 440A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 10m\Omega$	$\approx 10m\Omega$
Input terminal impedance	$\approx 1M\Omega$		
Height	4U		
Weight	40 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	250VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.18 IT8906E-1200-240

Model		IT8906E-1200-240	
Rated value (0~40 °C)	Input voltage	0~1200V	
	Input current	0~24A	0~240A
	Input power	6KW	
	Min. operating voltage	1.2V/24A	12V/240A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~24A	0~240A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.1 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	6KW	
	Resolution	0.1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode*4	CC Mode		
	T1 & T2	20 μ S~3600S /Res:1 μ s/10ms/100ms	
	Accuracy	5 μ S \pm 100ppm	
	Ascending/descending slope	0.001~0.25A/ μ S	0.01~2.5A/ μ S
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~24A	0~240A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	6KW	
	Resolution	0.1W	

Model		IT8906E-1200-240	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 6.05KW$		
Overcurrent protection	$\approx 25.2A$	$\approx 252A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 25.2A$	$\approx 252A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 50m\Omega$	$\approx 50m\Omega$
Input terminal impedance	$\approx 1.6M\Omega$		
Height	4U		
Weight	40 Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	250VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.19 IT8912A-150-1200

Model		IT8912A-150-1200	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~120A	0~1200A
	Input power	12KW	

Model		IT8912A-150-1200	
	Min. operating voltage	0.18V/120A	1.8V/1200A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.4A/uS	0.1~24A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 12.1KW$		
Overcurrent protection	$\approx 126A$	$\approx 1260A$	

Model		IT8912A-150-1200	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈126A	≈1260A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈1.5mΩ	
Input terminal impedance	≈400KΩ		
Height	8U		
Weight	80Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	500VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.20 IT8912A-600-840

Model		IT8912A-600-840	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~84A	0~840A
	Input power	12KW	
	Min. operating voltage	0.42V/84A	4.2V/840A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~84A	0~840A

Model		IT8912A-600-840	
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~1.2A/uS	0.01~12 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~84A	0~840A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 12.1KW$		
Overcurrent protection	$\approx 88A$	$\approx 880A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 88A$	$\approx 880A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$

Model		IT8912A-600-840
	Resistance (CR)	$\approx 5m\Omega$
Input terminal impedance		$\approx 500K\Omega$
Height		8U
Weight		80Kg
AC Input	Voltage	100~240Vac
	Frequency	50/60Hz
	Power	500VA max

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.21 IT8912A-1200-480

Model		IT8912A-1200-480	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~48A	0~480A
	Input power	12KW	
	Min. operating voltage	1.2V/48A	12V/480A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~48A	0~480A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.05 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	

Model		IT8912A-1200-480	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/de-scending slope	0.001~0.6A/uS	0.01~6 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~48A	0~480A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 12.1KW$		
Overcurrent protection	$\approx 50A$	$\approx 500A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 50A$	$\approx 500A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 25m\Omega$	
Input terminal impedance	$\approx 800K\Omega$		
Height	8U		
Weight	80Kg		
AC Input	Voltage	100~240Vac	

Model		IT8912A-1200-480
	Frequency	50/60Hz
	Power	500VA max

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.

*4.The load current value is no less than 4% of FS_CCH.

4.1.22 IT8912E-150-1200

Model		IT8912E-150-1200	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~120A	0~1200A
	Input power	12KW	
	Min. operating voltage	0.18V/120A	1.8V/1200A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.44A/uS	0.1~14.4A/uS
Measuring range			

Model		IT8912E-150-1200	
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 12.1KW$		
Overcurrent protection	$\approx 126A$	$\approx 1260A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 126A$	$\approx 1260A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 1.5m\Omega$	
Input terminal impedance	$\approx 400K\Omega$		
Height	8U		
Weight	80Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.23 IT8912E-600-840

Model		IT8912E-600-840	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~84A	0~840A
	Input power	12KW	
	Min. operating voltage	0.42V/84A	4.2V/840A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~84A	0~840A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~0.96A/uS	0.01~9.6A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~84A	0~840A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$

Model		IT8912E-600-840	
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≈12.1KW		
Overcurrent protection	≈88A	≈880A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈88A	≈880A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈5mΩ	
Input terminal impedance	≈500KΩ		
Height	8U		
Weight	80Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.24 IT8912E-1200-480

Model		IT8912E-1200-480	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~48A	0~480A
	Input power	12KW	
	Min. operating voltage	1.2V/48A	12V/480A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~48A	0~480A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.05 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	12KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~0.5A/ μ S	0.01~5 A/ μ S
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~48A	0~480A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	12KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			

Model		IT8912E-1200-480	
Overpower protection	≈12.1KW		
Overcurrent protection	≈50A	≈500A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈50A	≈500A
	Voltage (CV)	0V	0V
	Resistance (CR)	≈25mΩ	
Input terminal impedance	≈800KΩ		
Height	8U		
Weight	80Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.25 IT8918A-150-1800

Model		IT8918A-150-1800	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~180A	0~1800A
	Input power	18KW	
	Min. operating voltage	0.2V/180A	2V/1800A

Model		IT8918A-150-1800	
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~180A	0~1800A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3.6A/uS	0.1~36A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~180A	0~1800A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 18.1KW$		
Overcurrent protection	$\approx 189A$	$\approx 1890A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8918A-150-1800	
Specification			
Short circuit	Current (CC)	$\approx 189A$	$\approx 1890A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 1.1m\Omega$	
Input terminal impedance	$\approx 260K\Omega$		
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.26 IT8918A-600-1260

Model		IT8918A-600-1260	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~126A	0~1260A
	Input power	18KW	
	Min. operating voltage	0.5V/126A	5V/1260A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~126A	0~1260A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$

Model		IT8918A-600-1260	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.8A/uS	0.1~18 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~126A	0~1260A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≒18.1KW		
Overcurrent protection	≒132A	≒1320A	
Overvoltage protection	≒630V		
Overtemperature protection	≒85°C		
Specification			
Short circuit	Current (CC)	≒132A	≒1320A
	Voltage (CV)	≒0V	≒0V
	Resistance (CR)	≒4mΩ	
Input terminal impedance	≒330KΩ		

Model		IT8918A-600-1260	
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.27 IT8918A-1200-720

Model		IT8918A-1200-720	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~72A	0~720A
	Input power	18KW	
	Min. operating voltage	1.2V/72A	12V/720A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~72A	0~720A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	

Model		IT8918A-1200-720	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~0.9A/uS	0.01~9 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~72A	0~720A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 18.1KW$		
Overcurrent protection	$\approx 75.6A$	$\approx 756A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 75.6A$	$\approx 756A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 17m\Omega$	
Input terminal impedance	$\approx 533K\Omega$		
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.28 IT8918E-150-1800

Model		IT8918E-150-1800	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~180A	0~1800A
	Input power	18KW	
	Min. operating voltage	0.2V/180A	2V/1800A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~180A	0~1800A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.16A/uS	0.1~21.6A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8918E-150-1800	
Read-back current	Range	0~180A	0~1800A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 18.1KW$		
Overcurrent protection	$\approx 189A$	$\approx 1890A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 189A$	$\approx 1890A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 1.1m\Omega$	
Input terminal impedance	$\approx 260K\Omega$		
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.29 IT8918E-600-1260

Model		IT8918E-600-1260	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~126A	0~1260A
	Input power	18KW	
	Min. operating voltage	0.5V/126A	5V/1260A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~126A	0~1260A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.44A/uS	0.1~14.4 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~126A	0~1260A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			

Model		IT8918E-600-1260	
Overpower protection	≈18.1KW		
Overcurrent protection	≈132A	≈1320A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈132A	≈1320A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈4mΩ	
Input terminal impedance	≈330KΩ		
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.30 IT8918E-1200-720

Model		IT8918E-1200-720	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~72A	0~720A
	Input power	18KW	
	Min. operating voltage	1.2V/72A	12V/720A

Model		IT8918E-1200-720	
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~72A	0~720A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.02 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	18KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~0.75A/uS	0.01~7.5 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~72A	0~720A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	18KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 18.1KW$		
Overcurrent protection	$\approx 75.6A$	$\approx 756A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8918E-1200-720	
Specification			
Short circuit	Current (CC)	$\approx 75.6A$	$\approx 756A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 16.7m\Omega$	
Input terminal impedance	$\approx 530K\Omega$		
Height	15U		
Weight	192.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.31 IT8924A-150-2400

Model		IT8924A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	24KW	
	Min. operating voltage	0.22V/240A	2.2V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$

Model		IT8924A-150-2400	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≈24.2KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.92mΩ	
Input terminal impedance	≈200KΩ		

Model		IT8924A-150-2400	
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.32 IT8924A-600-1680

Model		IT8924A-600-1680	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~168A	0~1680A
	Input power	24KW	
	Min. operating voltage	0.51V/168A	5.1V/1680A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	

Model		IT8924A-600-1680	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.4A/uS	0.1~24 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 24.2KW$		
Overcurrent protection	$\approx 176A$	$\approx 1760A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 176A$	$\approx 1760A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 3m\Omega$	
Input terminal impedance	$\approx 250K\Omega$		
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.33 IT8924A-1200-960

Model		IT8924A-1200-960	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~96A	0~960A
	Input power	24KW	
	Min. operating voltage	1.2V96A	12V/960A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~96A	0~960A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.001~1.2A/uS	0.01~12 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8924A-1200-960	
Read-back current	Range	0~96A	0~960A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 24.2KW$		
Overcurrent protection	$\approx 100A$	$\approx 1000A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 100A$	$\approx 1000A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 12.5m\Omega$	
Input terminal impedance	$\approx 400K\Omega$		
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.34 IT8924E-150-2400

Model		IT8924E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	24KW	
	Min. operating voltage	0.22V/240A	2.2V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			

Model		IT8924E-150-2400	
Overpower protection	≈24.2KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.92mΩ	
Input terminal impedance	≈200KΩ		
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.35 IT8924E-600-1680

Model		IT8924E-600-1680	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~168A	0~1680A
	Input power	24KW	
	Min. operating voltage	0.51V/168A	5.1V/1680A

Model		IT8924E-600-1680	
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.92A/uS	0.1~19.2 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 24.2KW$		
Overcurrent protection	$\approx 176A$		$\approx 1760A$
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8924E-600-1680	
Specification			
Short circuit	Current (CC)	$\approx 176A$	$\approx 1760A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 3m\Omega$	
Input terminal impedance	$\approx 250K\Omega$		
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.36 IT8924E-1200-960

Model		IT8924E-1200-960	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~96A	0~960A
	Input power	24KW	
	Min. operating voltage	1.2V/96A	12V/960A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~96A	0~960A
	Resolution	1mA	10mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$

Model		IT8924E-1200-960	
Constant resistance mode *1	Range	0.02Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	24KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1A/uS	0.1~10 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~96A	0~960A
	Resolution	1mA	10mA
	Accuracy	±(0.1%+0.1%FS)	±(0.1%+0.1%FS)
Read-back power *2	Range	24KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≒24.2KW		
Overcurrent protection	≒100A	≒1000A	
Overvoltage protection	≒1250V		
Overtemperature protection	≒85°C		
Specification			
Short circuit	Current (CC)	≒100A	≒1000A
	Voltage (CV)	0V	0V
	Resistance (CR)	≒12.5mΩ	
Input terminal impedance	≒400KΩ		

Model		IT8924E-1200-960	
Height	27U		
Weight	290.05Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.37 IT8930A-150-2400

Model		IT8930A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	30KW	
	Min. operating voltage	0.2V/240A	2V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	

Model		IT8930A-150-2400	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 30.3KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 0.8m\Omega$	
Input terminal impedance	$\approx 160K\Omega$		
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.38 IT8930A-600-2100

Model		IT8930A-600-2100	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~210A	0~2100A
	Input power	30KW	
	Min. operating voltage	0.52V/210A	5.2V/2100A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~210A	0~2100A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3A/uS	0.1~30 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8930A-600-2100	
Read-back current	Range	0~210A	0~2100A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 30.3KW$		
Overcurrent protection	$\approx 220A$	$\approx 2200A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 220A$	$\approx 2200A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2.5m\Omega$	
Input terminal impedance	$\approx 200K\Omega$		
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.39 IT8930A-1200-1200

Model		IT8930A-1200-1200	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~120A	0~1200A
	Input power	30KW	
	Min. operating voltage	1.2V/120A	12V/1200A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.5A/uS	0.1~15 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			

Model		IT8930A-1200-1200	
Overpower protection	≈30.3KW		
Overcurrent protection	≈126A	≈1260A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈126A	≈1260A
	Voltage (CV)	0V	0V
	Resistance (CR)	≈10mΩ	
Input terminal impedance	≈320KΩ		
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.40 IT8930E-150-2400

Model		IT8930E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	30KW	
	Min. operating voltage	0.2V/240A	2V/2400A

Model		IT8930E-150-2400	
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.25%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	$\pm(0.25\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 30.3KW$		
Overcurrent protection	$\approx 252A$		$\approx 2520A$
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8930E-150-2400	
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.8mΩ	
Input terminal impedance	≈160KΩ		
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.41 IT8930E-600-2100

Model		IT8930E-600-2100	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~210A	0~2100A
	Input power	30KW	
	Min. operating voltage	0.52V/210A	5.2V/2100A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~210A	0~2100A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.1%FS)	±(0.1%+0.1%FS)

Model		IT8930E-600-2100	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.4A/uS	0.1~24 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~210A	0~2100A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.1%FS)	±(0.1%+0.1%FS)
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≈30.3KW		
Overcurrent protection	≈220A	≈2200A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈220A	≈2200A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈2.5mΩ	
Input terminal impedance	≈200KΩ		

Model		IT8930E-600-2100	
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.42 IT8930E-1200-1200

Model		IT8930E-1200-1200	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~120A	0~1200A
	Input power	30KW	
	Min. operating voltage	1.2V/120A	12V/1200A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	30KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	

Model		IT8930E-1200-1200	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/de- scending slope	0.01~1.25A/uS	0.1~12.5 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~120A	0~1200A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	30KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 30.3KW$		
Overcurrent protection	$\approx 126A$	$\approx 1260A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 126A$	$\approx 1260A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 10m\Omega$	
Input terminal impedance	$\approx 320K\Omega$		
Height	27U		
Weight	333.85Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1250VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.43 IT8936A-150-2400

Model		IT8936A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	36KW	
	Min. operating voltage	0.17V/240A	1.7V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8936A-150-2400	
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 36.3KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 0.7m\Omega$	
Input terminal impedance	$\approx 133K\Omega$		
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.44 IT8936A-600-2400

Model		IT8936A-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	36KW	
	Min. operating voltage	0.55V/240A	5.5V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.15%FS)	±(0.05%+0.15%FS)
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3.6A/uS	0.1~36 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.15%FS)	±(0.05%+0.15%FS)
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			

Model		IT8936A-600-2400	
Overpower protection	≈36.3KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈2.3mΩ	
Input terminal impedance	≈167KΩ		
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.45 IT8936A-1200-1440

Model		IT8936A-1200-1440	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~144A	0~1440A
	Input power	36KW	
	Min. operating voltage	1.2V/144A	12V/1440A

Model		IT8936A-1200-1440	
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~144A	0~1440A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.8A/uS	0.1~18 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~144A	0~1440A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 36.3KW$		
Overcurrent protection	$\approx 151A$	$\approx 1510A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8936A-1200-1440	
Specification			
Short circuit	Current (CC)	≈151A	≈1510A
	Voltage (CV)	0V	0V
	Resistance (CR)	≈8.3mΩ	
Input terminal impedance	≈267KΩ		
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.46 IT8936E-150-2400

Model		IT8936E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	36KW	
	Min. operating voltage	0.17V/240A	1.7V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.15%+0.15%FS)	±(0.15%+0.15%FS)

Model		IT8936E-150-2400	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.3%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.15%+0.15%FS)	±(0.15%+0.15%FS)
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	±(0.3%+0.3%FS)	
Protection range			
Overpower protection	≈36.3KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.7mΩ	
Input terminal impedance	≈133KΩ		

Model		IT8936E-150-2400	
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.47 IT8936E-600-2400

Model		IT8936E-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	36KW	
	Min. operating voltage	0.55V/240A	5.5V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	

Model		IT8936E-600-2400	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 36.3KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2.3m\Omega$	
Input terminal impedance	$\approx 167K\Omega$		
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.48 IT8936E-1200-1440

Model		IT8936E-1200-1440	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~144A	0~1440A
	Input power	36KW	
	Min. operating voltage	1.2V/144A	12V/1440A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~144A	0~1440A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	36KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.5A/uS	0.1~15 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8936E-1200-1440	
Read-back current	Range	0~144A	0~1440A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	36KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 36.3KW$		
Overcurrent protection	$\approx 151A$	$\approx 1510A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 151A$	$\approx 1510A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 8.3m\Omega$	
Input terminal impedance	$\approx 267K\Omega$		
Height	27U		
Weight	377.65Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1500VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.49 IT8942A-150-2400

Model		IT8942A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	42KW	
	Min. operating voltage	0.152V/240A	1.52V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.15%FS)	±(0.1%+0.15%FS)
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.25%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.15%FS)	±(0.1%+0.15%FS)
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	±(0.25%+0.3%FS)	
Protection range			

Model		IT8942A-150-2400	
Overpower protection	≈42.4KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.63mΩ	
Input terminal impedance	≈114KΩ		
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.50 IT8942A-600-2400

Model		IT8942A-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	42KW	
	Min. operating voltage	0.53V/240A	5.3V/2400A

Model		IT8942A-600-2400	
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.15\%FS)$	$\pm(0.05\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3.6A/uS	0.1~36 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.15\%FS)$	$\pm(0.05\%+0.15\%FS)$
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 42.4KW$		
Overcurrent protection	$\approx 252A$		$\approx 2520A$
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8942A-600-2400	
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2.2m\Omega$	
Input terminal impedance	$\approx 142K\Omega$		
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.51 IT8942A-1200-1680

Model		IT8942A-1200-1680	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~168A	0~1680A
	Input power	42KW	
	Min. operating voltage	1.2V/168A	12V/1680A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$

Model		IT8942A-1200-1680	
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.1A/uS	0.1~21 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.2%FS)	
Protection range			
Overpower protection	≒42.4KW		
Overcurrent protection	≒176A	≒1760A	
Overvoltage protection	≒1250V		
Overtemperature protection	≒85°C		
Specification			
Short circuit	Current (CC)	≒176A	≒1760A
	Voltage (CV)	0V	0V
	Resistance (CR)	≒7.1mΩ	
Input terminal impedance	≒228KΩ		

Model		IT8942A-1200-1680	
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.52 IT8942E-150-2400

Model		IT8942E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	42KW	
	Min. operating voltage	0.152V/240A	1.52V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.15\%+0.2\%FS)$	$\pm(0.15\%+0.2\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.3%+0.35%FS	

Model		IT8942E-150-2400	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/de- scending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.15\%+0.2\%FS)$	$\pm(0.15\%+0.2\%FS)$
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	$\pm(0.3\%+0.35\%FS)$	
Protection range			
Overpower protection	$\approx 42.4KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 0.63m\Omega$	
Input terminal impedance	$\approx 114K\Omega$		
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.53 IT8942E-600-2400

Model		IT8942E-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	42KW	
	Min. operating voltage	0.53V/240A	5.3V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8942E-600-2400	
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 42.4KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2.2m\Omega$	
Input terminal impedance	$\approx 142K\Omega$		
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.54 IT8942E-1200-1680

Model		IT8942E-1200-1680	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~168A	0~1680A
	Input power	42KW	
	Min. operating voltage	1.2V/168A	12V/1680A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	42KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~1.75A/uS	0.1~17.5 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~168A	0~1680A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	42KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			

Model		IT8942E-1200-1680	
Overpower protection	≈42.4KW		
Overcurrent protection	≈176A	≈1760A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈176A	≈1760A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈7.1mΩ	
Input terminal impedance	≈228KΩ		
Height	37U		
Weight	447Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	1750VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.55 IT8948A-150-2400

Model		IT8948A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	48KW	
	Min. operating voltage	0.14V/240A	1.4V/2400A

Model		IT8948A-150-2400	
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.2\%FS)$	$\pm(0.1\%+0.2\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.3%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.2\%FS)$	$\pm(0.1\%+0.2\%FS)$
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	$\pm(0.3\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 48.4KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8948A-150-2400	
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 0.58m\Omega$	
Input terminal impedance	$\approx 100K\Omega$		
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.56 IT8948A-600-2400

Model		IT8948A-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	48KW	
	Min. operating voltage	0.5V/240A	5V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.15\%FS)$	$\pm(0.05\%+0.15\%FS)$

Model		IT8948A-600-2400	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3.6A/uS	0.1~36A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.05%+0.15%FS)	±(0.05%+0.15%FS)
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≈48.4KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈2.1mΩ	
Input terminal impedance	≈125KΩ		

Model		IT8948A-600-2400	
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.57 IT8948A-1200-1920

Model		IT8948A-1200-1920	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~192A	0~1920A
	Input power	48KW	
	Min. operating voltage	1.2V/192A	12V/1920A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~192A	0~1920A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.2%+0.2%FS	

Model		IT8948A-1200-1920	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.4A/uS	0.1~24 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~192A	0~1920A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.05\%+0.1\%FS)$
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.2\%FS)$	
Protection range			
Overpower protection	$\approx 48.4KW$		
Overcurrent protection	$\approx 201A$	$\approx 2010A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 201A$	$\approx 2010A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 6.2m\Omega$	
Input terminal impedance	$\approx 200K\Omega$		
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.58 IT8948E-150-2400

Model		IT8948E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	48KW	
	Min. operating voltage	0.14V/240A	1.4V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.2\%+0.2\%FS)$	$\pm(0.2\%+0.2\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.35%+0.35%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8948E-150-2400	
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.2\%+0.2\%FS)$	$\pm(0.2\%+0.2\%FS)$
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	$\pm(0.35\%+0.35\%FS)$	
Protection range			
Overpower protection	$\approx 48.4KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 157V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 0.58m\Omega$	
Input terminal impedance	$\approx 100K\Omega$		
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.59 IT8948E-600-2400

Model		IT8948E-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	48KW	
	Min. operating voltage	0.5V/240A	5.0V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.15%FS)	±(0.1%+0.15%FS)
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.15%FS)	±(0.1%+0.15%FS)
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			

Model		IT8948E-600-2400	
Overpower protection	≈48.4KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈630V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈2.1mΩ	
Input terminal impedance	≈125KΩ		
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.60 IT8948E-1200-1920

Model		IT8948E-1200-1920	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~192A	0~1920A
	Input power	48KW	
	Min. operating voltage	1.2V/192A	12V/1920A

Model		IT8948E-1200-1920	
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~192A	0~1920A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	48KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2A/uS	0.1~20 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~192A	0~1920A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	48KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 48.4KW$		
Overcurrent protection	$\approx 201A$	$\approx 2010A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8948E-1200-1920	
Specification			
Short circuit	Current (CC)	$\approx 201A$	$\approx 2010A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 6.2m\Omega$	
Input terminal impedance	$\approx 200K\Omega$		
Height	37U		
Weight	490.8Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2000VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.61 IT8954A-150-2400

Model		IT8954A-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	54KW	
	Min. operating voltage	0.13V/240A	1.3V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.15\%+0.2\%FS)$	$\pm(0.15\%+0.2\%FS)$

Model		IT8954A-150-2400	
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.3%+0.35%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~4.8A/uS	0.1~48A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	±(0.15%+0.2%FS)	±(0.15%+0.2%FS)
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	±(0.3%+0.35%FS)	
Protection range			
Overpower protection	≈54.5KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.54mΩ	
Input terminal impedance	≈90KΩ		

Model		IT8954A-150-2400	
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.62 IT8954A-600-2400

Model		IT8954A-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	54KW	
	Min. operating voltage	0.48V/240A	4.8V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.15\%FS)$	$\pm(0.05\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	

Model		IT8954A-600-2400	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~3.6A/uS	0.1~36 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.15\%FS)$	$\pm(0.05\%+0.15\%FS)$
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 54.5KW$		
Overcurrent protection	$\approx 252A$	$\approx 2520A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2m\Omega$	
Input terminal impedance	$\approx 110K\Omega$		
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

- *1. The voltage/current input is no less than 10%FS (FS indicates the full scope).
- *2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.
- *3. The voltage/current input is no less than 10%FS.
- *4. The load current value is no less than 4% of FS_CCH.

4.1.63 IT8954A-1200-2160

Model		IT8954A-1200-2160	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~216A	0~2160A
	Input power	54KW	
	Min. operating voltage	1.2V/216A	12V/2160A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~216A	0~2160A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.7A/uS	0.1~27 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$

Model		IT8954A-1200-2160	
Read-back current	Range	0~216A	0~2160A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.05\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 54.5KW$		
Overcurrent protection	$\approx 226A$	$\approx 2260A$	
Overvoltage protection	$\approx 1250V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 226A$	$\approx 2260A$
	Voltage (CV)	0V	0V
	Resistance (CR)	$\approx 5.5m\Omega$	
Input terminal impedance	$\approx 180K\Omega$		
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.64 IT8954E-150-2400

Model		IT8954E-150-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~150V	
	Input current	0~240A	0~2400A
	Input power	54KW	
	Min. operating voltage	0.13V/240A	1.3V/2400A
Constant voltage mode	Range	0.1~18V	0.1~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.2\%+0.25\%FS)$	$\pm(0.2\%+0.25\%FS)$
Constant resistance mode *1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.35%+0.4%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8A/uS
Measuring range			
Read-back voltage	Range	0~18V	0~150V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.2\%+0.25\%FS)$	$\pm(0.2\%+0.25\%FS)$
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	$\pm(0.35\%+0.4\%FS)$	
Protection range			

Model		IT8954E-150-2400	
Overpower protection	≈54.5KW		
Overcurrent protection	≈252A	≈2520A	
Overvoltage protection	≈157V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈252A	≈2520A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈0.54mΩ	
Input terminal impedance	≈90KΩ		
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.65 IT8954E-600-2400

Model		IT8954E-600-2400	
Rated value (0 ~ 40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	54KW	
	Min. operating voltage	0.48V/240A	4.8V/2400A

Model		IT8954E-600-2400	
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Constant resistance mode *1	Range	0.005 Ω ~10 Ω	10 Ω ~7.5K Ω
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.88A/uS	0.1~28.8 A/uS
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.15\%FS)$	$\pm(0.1\%+0.15\%FS)$
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 54.5KW$		
Overcurrent protection	$\approx 252A$		$\approx 2520A$
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		

Model		IT8954E-600-2400	
Specification			
Short circuit	Current (CC)	$\approx 252A$	$\approx 2520A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2m\Omega$	
Input terminal impedance	$\approx 110K\Omega$		
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.66 IT8954E-1200-2160

Model		IT8954E-1200-2160	
Rated value (0 ~ 40 °C)	Input voltage	0~1200V	
	Input current	0~216A	0~2160A
	Input power	54KW	
	Min. operating voltage	1.2V/216A	12V/2160A
Constant voltage mode	Range	0.1~120V	0.1~1200V
	Resolution	10mV	100mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~216A	0~2160A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$

Model		IT8954E-1200-2160	
Constant resistance mode *1	Range	0.01Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode *3	Range	54KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	
Dynamic Mode			
Dynamic Mode *4	CC Mode		
	Ascending/descending slope	0.01~2.25A/uS	0.1~22.5 A/uS
Measuring range			
Read-back voltage	Range	0~120V	0~1200V
	Resolution	10mV	100mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
Read-back current	Range	0~216A	0~2160A
	Resolution	10mA	100mA
	Accuracy	±(0.1%+0.1%FS)	±(0.1%+0.1%FS)
Read-back power *2	Range	54KW	
	Resolution	1W	
	Accuracy	±(0.2%+0.3%FS)	
Protection range			
Overpower protection	≈54.5KW		
Overcurrent protection	≈226A	≈2260A	
Overvoltage protection	≈1250V		
Overtemperature protection	≈85°C		
Specification			
Short circuit	Current (CC)	≈226A	≈2260A
	Voltage (CV)	≈0V	≈0V
	Resistance (CR)	≈5.5mΩ	
Input terminal impedance	≈180KΩ		

Model		IT8954E-1200-2160	
Height	37U		
Weight	534.6Kg		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2250VA max	

*1. The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2. The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08), 1/(1/R-(1/R)*0.01\%-0.08))$.

*3. The voltage/current input is no less than 10%FS.

*4. The load current value is no less than 4% of FS_CCH.

4.1.67 IT8960E-600-2400

Model		IT8960E-600-2400	
Rated value (0~40 °C)	Input voltage	0~600V	
	Input current	0~240A	0~2400A
	Input power	60KW	
	Min. operating voltage	0.48V/240A	4.8V/2400A
Constant voltage mode	Range	0.1~60V	0.1~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.05\%+0.05\%FS)$	$\pm(0.05\%+0.05\%FS)$
Constant current mode	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Constant resistance mode*1	Range	0.005Ω~10Ω	10Ω~7.5KΩ
	Resolution	16bit	
	Accuracy	0.01%+0.08S *2	0.01%+0.0008S
Constant power Mode*3	Range	60KW	
	Resolution	1W	
	Accuracy	0.2%+0.3%FS	

Model		IT8960E-600-2400	
Measuring range			
Read-back voltage	Range	0~60V	0~600V
	Resolution	1mV	10mV
	Accuracy	$\pm(0.025\%+0.025\%FS)$	$\pm(0.025\%+0.025\%FS)$
Read-back current	Range	0~240A	0~2400A
	Resolution	10mA	100mA
	Accuracy	$\pm(0.1\%+0.1\%FS)$	$\pm(0.1\%+0.1\%FS)$
Read-back power*2	Range	60KW	
	Resolution	1W	
	Accuracy	$\pm(0.2\%+0.3\%FS)$	
Protection range			
Overpower protection	$\approx 60.6KW$		
Overcurrent protection	$\approx 264A$	$\approx 2640A$	
Overvoltage protection	$\approx 630V$		
Overtemperature protection	$\approx 85^{\circ}C$		
Specification			
Short circuit	Current (CC)	$\approx 264A$	$\approx 2640A$
	Voltage (CV)	$\approx 0V$	$\approx 0V$
	Resistance (CR)	$\approx 2m\Omega$	
Input terminal impedance	$\approx 100K\Omega$		
AC Input	Voltage	100~240Vac	
	Frequency	50/60Hz	
	Power	2500VA max	

*1.The voltage/current input is no less than 10%FS (FS indicates the full scope).

*2.The scope of read-back resistance is $(1/(1/R+(1/R)*0.01\%+0.08),1/(1/R-(1/R)*0.01\%-0.08))$.

*3.The voltage/current input is no less than 10%FS.