

## Product Datasheet - Technical Specifications



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### 6.1.1 IT8005-80-150

Parameter		IT8005-80-150
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 150A
	Input power	0 ~ 5000W
	Input resistance	0.001 ~ 1067Ω
	Min. operating voltage	0.45V at 150A
Setup Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	150A/ms
	Falling slope	150A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8005-80-150
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/17A;L3/0A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<4mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*151.3mm(H)	
Weight( net)	20kG	

## 6.1.2 IT8010-80-300

Parameter		IT8010-80-300
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 300A
	Input power	0 ~ 10000W
	Input resistance	0.001 ~ 333Ω
	Min. operating voltage	0.45V at 300A
Setup Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	300A/ms
	Falling slope	300A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8010-80-300
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/17A;L3/29A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<7mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*151.3mm(H)	
Weight( net)	30kG	

### 6.1.3 IT8015-80-450

Parameter		IT8015-80-450
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 450A
	Input power	0 ~ 15000W
	Input resistance	0.001 ~ 356Ω
	Min. operating voltage	0.45V at 450A
Setup Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	450A/ms
	Falling slope	450A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8015-80-450
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	23A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*151.3mm(H)	
Weight( net)	40kG	

## 6.1.4 IT8030-80-900

Parameter		IT8030-80-900
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 900A
	Input power	0 ~ 30000W
	Input resistance	0.001 ~ 178Ω
	Min. operating voltage	0.45V at 900A
Setup Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.01A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	900A/ms
	Falling slope	900A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)



Parameter		IT8030-80-900
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	46A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<20mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*348.84mm(H)	
Weight( net)	95kG	

## 6.1.5 IT8045-80-1350

Parameter		IT8045-80-1350
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 1350A
	Input power	0 ~ 45000W
	Input resistance	0.001 ~ 119Ω
	Min. operating voltage	0.45V at 1350A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1350A/ms
	Falling slope	1350A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)

Parameter		IT8045-80-1350
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	69A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance	<30mA at Vmax	
Quiescent current		
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.6 IT8060-80-1800

Parameter		IT8060-80-1800
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 1800A
	Input power	0 ~ 60000W
	Input resistance	0.001 ~ 89Ω
	Min. operating voltage	0.45V at 1800A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1800A/ms
	Falling slope	1800A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)

Parameter		IT8060-80-1800
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	92A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.7 IT8075-80-2040

Parameter		IT8075-80-2040
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 2040A
	Input power	0 ~ 75000W
	Input resistance	0.001 ~ 89Ω
	Min. operating voltage	0.45V at 2040A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	2040A/ms
	Falling slope	2040A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8075-80-2040
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	115A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	323.5kG	

## 6.1.8 IT8090-80-2040

Parameter		IT8090-80-2040
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 2040A
	Input power	0 ~ 75000W
	Input resistance	0.001 ~ 89Ω
	Min. operating voltage	0.45V at 2040A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	2040A/ms
	Falling slope	2040A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)



Parameter		IT8090-80-2040
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	138A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	366.5kG	

## 6.1.9 IT8105-80-2040

Parameter		IT8105-80-2040
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 2040A
	Input power	0 ~ 105000W
	Input resistance	0.001 ~ 78Ω
	Min. operating voltage	0.45V at 2040A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	2040A/ms
	Falling slope	2040A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8105-80-2040
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	161A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	409.7kG	

## 6.1.10 IT8120-80-2040

Parameter		IT8120-80-2040
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 80V
	Input current	0 ~ 2040A
	Input power	0 ~ 120000W
	Input resistance	0.001 ~ 78Ω
	Min. operating voltage	0.45V at 2040A
Setup Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.001V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤1% + 1%FS
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	2040A/ms
	Falling slope	2040A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8120-80-2040
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	184A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 90%	
Remote Sense Compensation Voltage	≤2V	
Command Response Time	2ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	452.8kG	

## 6.1.11 IT8006-300-75

Parameter		IT8006-300-75
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 75A
	Input power	0 ~ 6000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	1.6V at 75A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	75A/ms
	Falling slope	75A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8006-300-75
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/0A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<4mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*151.3mm(H)	
Weight( net)	20kG	

## 6.1.12 IT8012-300-150

Parameter		IT8012-300-150
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 150A
	Input power	0 ~ 12000W
	Input resistance	0.001 ~ 4000Ω
	Min. operating voltage	1.6V at 150A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	150A/ms
	Falling slope	150A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8012-300-150
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/34A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	34kG	

### 6.1.13 IT8018-300-225

Parameter		IT8018-300-225
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 225A
	Input power	0 ~ 18000W
	Input resistance	0.001 ~ 2667Ω
	Min. operating voltage	1.6V at 225A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	225A/ms
	Falling slope	225A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8018-300-225
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	28A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	40kG	

## 6.1.14 IT8036-300-450

Parameter		IT8036-300-450
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 450A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 1333Ω
	Min. operating voltage	1.6V at 450A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	450A/ms
	Falling slope	450A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8036-300-450
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	56A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<20mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*348.84mm(H)	
Weight( net)	95kG	

## 6.1.15 IT8054-300-675

Parameter		IT8054-300-675
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 675A
	Input power	0 ~ 54000W
	Input resistance	0.001 ~ 889Ω
	Min. operating voltage	1.6V at 675A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	675A/ms
	Falling slope	675A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8054-300-675
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	85A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<30mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.16 IT8072-300-900

Parameter		IT8072-300-900
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 900A
	Input power	0 ~ 72000W
	Input resistance	0.001 ~ 667Ω
	Min. operating voltage	1.6V at 900A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	900A/ms
	Falling slope	900A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8072-300-900
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	113A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.17 IT8090-300-1125

Parameter		IT8090-300-1125
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 1125A
	Input power	0 ~ 90000W
	Input resistance	0.001 ~ 533Ω
	Min. operating voltage	1.6V at 1125A
Setup Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1125A/ms
	Falling slope	1125A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8090-300-1125
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	141A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	323.5kG	

## 6.1.18 IT8108-300-1350

Parameter		IT8108-300-1350
Rated value (0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 1350A
	Input power	0 ~ 108000W
	Input resistance	0.001 ~ 444Ω
	Min. operating voltage	1.6V at 1350A
Setup Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1125A/ms
	Falling slope	1125A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8108-300-1350
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	169A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	366.5kG	

## 6.1.19 IT8126-300-1575

Parameter		IT8126-300-1575
Rated value (0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 1575A
	Input power	0 ~ 126000W
	Input resistance	0.001 ~ 381Ω
	Min. operating voltage	1.6V at 1575A
Setup Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1575A/ms
	Falling slope	1575A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8126-300-1575
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	198A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	409.7kG	

## 6.1.20 IT8144-300-1800

Parameter		IT8144-300-1800
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 300V
	Input current	0 ~ 1800A
	Input power	0 ~ 144000W
	Input resistance	0.001 ~ 333Ω
	Min. operating voltage	1.6V at 1800A
Setup Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.1A
	Power	0.001kW
	Resistance	0.0001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	1800A/ms
	Falling slope	1800A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8144-300-1800
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	226A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤3V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	452.8kG	

## 6.1.21 IT8006-500-40

Parameter		IT8006-500-40
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 40A
	Input power	0 ~ 6000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.4V at 40A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	40A/ms
	Falling slope	40A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8006-500-40
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/0A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	28kG	

## 6.1.22 IT8012-500-80

Parameter		IT8012-500-80
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 80A
	Input power	0 ~ 12000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.4V at 80A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	80A/ms
	Falling slope	80A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8012-500-80
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/34A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	34kG	

## 6.1.23 IT8018-500-120

Parameter		IT8018-500-120
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 120A
	Input power	0 ~ 18000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.4V at 120A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	120A/ms
	Falling slope	120A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8018-500-120
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	28A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	40kG	

## 6.1.24 IT8036-500-240

Parameter		IT8036-500-240
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 240A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 4167Ω
	Min. operating voltage	2.4V at 240A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	240A/ms
	Falling slope	240A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8036-500-240
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	56A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<20mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*348.84mm(H)	
Weight( net)	95kG	

## 6.1.25 IT8054-500-360

Parameter		IT8054-500-360
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 360A
	Input power	0 ~ 54000W
	Input resistance	0.001 ~ 2778Ω
	Min. operating voltage	2.4V at 360A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	360A/ms
	Falling slope	360A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8054-500-360
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	85A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<30mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.26 IT8072-500-480

Parameter		IT8072-500-480
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 480A
	Input power	0 ~ 72000W
	Input resistance	0.001 ~ 2778Ω
	Min. operating voltage	2.4V at 480A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	480A/ms
	Falling slope	480A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8072-500-480
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	113A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.27 IT8090-500-600

Parameter		IT8090-500-600
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 600A
	Input power	0 ~ 90000W
	Input resistance	0.001 ~ 1667Ω
	Min. operating voltage	2.4V at 600A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	600A/ms
	Falling slope	600A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8090-500-600
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	141A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	323.5kG	

## 6.1.28 IT8108-500-720

Parameter		IT8108-500-720
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 720A
	Input power	0 ~ 108000W
	Input resistance	0.001 ~ 1389Ω
	Min. operating voltage	2.4V at 720A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	720A/ms
	Falling slope	720A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8108-500-720
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	169A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	366.5kG	

## 6.1.29 IT8126-500-840

Parameter		IT8126-500-840
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 840A
	Input power	0 ~ 126000W
	Input resistance	0.001 ~ 1190Ω
	Min. operating voltage	2.4V at 840A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	840A/ms
	Falling slope	840A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8126-500-840
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	198A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	409.7kG	

### 6.1.30 IT8144-500-960

Parameter		IT8144-500-960
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 500V
	Input current	0 ~ 960A
	Input power	0 ~ 144000W
	Input resistance	0.001 ~ 1042Ω
	Min. operating voltage	2.4V at 960A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% ofOutput+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	960A/ms
	Falling slope	960A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8144-500-960
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	226A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	452.8kG	

**6.1.31 IT8006-800-25**

Parameter		IT8006-800-25
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 25A
	Input power	0 ~ 6000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.1V at 25A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	25A/ms
	Falling slope	25A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8006-800-25
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/0A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	28kG	

## 6.1.32 IT8012-800-50

Parameter		IT8012-800-50
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 50A
	Input power	0 ~ 12000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.1V at 50A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	50A/ms
	Falling slope	50A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8012-800-50
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	L1,L2/20A;L3/34A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	34kG	

### 6.1.33 IT8018-800-75

Parameter		IT8018-800-75
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 75A
	Input power	0 ~ 18000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.1V at 75A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	75A/ms
	Falling slope	75A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8018-800-75
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	28A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	40kG	

## 6.1.34 IT8036-800-150

Parameter		IT8036-800-150
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 150A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	2.1V at 150A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	150A/ms
	Falling slope	150A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8036-800-150
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	56A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<20mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*348.84mm(H)	
Weight( net)	95kG	

## 6.1.35 IT8054-800-225

Parameter		IT8054-800-225
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 225A
	Input power	0 ~ 54000W
	Input resistance	0.001 ~ 7111Ω
	Min. operating voltage	2.1V at 225A
Setup Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.01V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	225A/ms
	Falling slope	225A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8054-800-225
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	85A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<30mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.36 IT8072-800-300

Parameter		IT8072-800-300
Rated value (0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 300A
	Input power	0 ~ 72000W
	Input resistance	0.001 ~ 5333Ω
	Min. operating voltage	2.1V at 300A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	300A/ms
	Falling slope	300A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8072-800-300
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	113A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Re- sponse Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.37 IT8090-800-375

Parameter		IT8090-800-375
Rated value (0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 375A
	Input power	0 ~ 90000W
	Input resistance	0.001 ~ 4267Ω
	Min. operating voltage	2.1V at 375A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	375A/ms
	Falling slope	375A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8090-800-375
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	141A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	323.5kG	

## 6.1.38 IT8108-800-450

Parameter		IT8108-800-450
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 450A
	Input power	0 ~ 108000W
	Input resistance	0.001 ~ 3556Ω
	Min. operating voltage	2.1V at 450A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	450A/ms
	Falling slope	450A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8108-800-450
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	169A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	366.5kG	

## 6.1.39 IT8126-800-525

Parameter		IT8126-800-525
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 525A
	Input power	0 ~ 126000W
	Input resistance	0.001 ~ 3048Ω
	Min. operating voltage	2.1V at 525A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	525A/ms
	Falling slope	525A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8126-800-525
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	198A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	409.7kG	

## 6.1.40 IT8144-800-600

Parameter		IT8144-800-600
Rated value (0 °C-50 °C)	Input voltage	0 ~ 800V
	Input current	0 ~ 600A
	Input power	0 ~ 144000W
	Input resistance	0.001 ~ 2667Ω
	Min. operating voltage	2.1V at 600A
Setup Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Read Back Resolution	Voltage	0.01V
	Current	0.01A
	Power	0.001kW
	Resistance	0.001Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax, 0 ~ 10%Rmax; ≤5%Rmax, 10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	600A/ms
	Falling slope	600A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8144-800-600
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	226A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤8V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1500V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	452.8kG	

## 6.1.41 IT8018-1500-40

Parameter		IT8018-1500-40
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 40A
	Input power	0 ~ 18000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 40A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	40A/ms
	Falling slope	40A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8018-1500-40
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	28A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*151.3mm(H)	
Weight( net)	40kG	

## 6.1.42 IT8036-1500-80

Parameter		IT8036-1500-80
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 80A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 80A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	80A/ms
	Falling slope	80A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8036-1500-80
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	56A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<20mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483mm(W)*801.61mm(D)*348.84mm(H)	
Weight( net)	95kG	

## 6.1.43 IT8054-1500-120

Parameter		IT8054-1500-120
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 120A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 120A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	120A/ms
	Falling slope	120A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8054-1500-120
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	85A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<30mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.44 IT8072-1500-160

Parameter		IT8072-1500-160
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 160A
	Input power	0 ~ 72000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 160A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	160A/ms
	Falling slope	160A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8072-1500-160
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	113A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.45 IT8090-1500-200

Parameter		IT8090-1500-200
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 200A
	Input power	0 ~ 90000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 200A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	200A/ms
	Falling slope	200A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8090-1500-200
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	141A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	323.5kG	

## 6.1.46 IT8108-1500-240

Parameter		IT8108-1500-240
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 240A
	Input power	0 ~ 108000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 240A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	240A/ms
	Falling slope	240A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8108-1500-240
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	169A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	366.5kG	

## 6.1.47 IT8126-1500-280

Parameter		IT8126-1500-280
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 280A
	Input power	0 ~ 126000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 280A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	280A/ms
	Falling slope	280A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8126-1500-280
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	198A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	409.7kG	

## 6.1.48 IT8144-1500-320

Parameter		IT8144-1500-320
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 1500V
	Input current	0 ~ 320A
	Input power	0 ~ 144000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	7.2V at 320A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	320A/ms
	Falling slope	320A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8144-1500-320
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	226A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤15V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	1800V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	452.8kG	

## 6.1.49 IT8018-2250-25

Parameter		IT8018-2250-25
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 25A
	Input power	0 ~ 18000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 25A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	25A/ms
	Falling slope	25A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8018-2250-25
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	28A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	40kG	

## 6.1.50 IT8036-2250-50

Parameter		IT8036-2250-50
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 50A
	Input power	0 ~ 36000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 50A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.1Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	50A/ms
	Falling slope	50A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8036-2250-50
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	56A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<10mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	483W*801.61D*151.3H	
Weight( net)	80kG	

## 6.1.51 IT8054-2250-75

Parameter		IT8054-2250-75
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 75A
	Input power	0 ~ 54000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 75A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	75A/ms
	Falling slope	75A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8054-2250-75
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	85A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<30mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	186kG	

## 6.1.52 IT8072-2250-100

Parameter		IT8072-2250-100
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 100A
	Input power	0 ~ 72000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 100A
Setup Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.001A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C +Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	100A/ms
	Falling slope	100A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8072-2250-100
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	113A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<40mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	550mm(W)*910.16mm(D)*907.64mm(H)	
Weight( net)	228.9kG	

## 6.1.53 IT8090-2250-125

Parameter		IT8090-2250-125
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 125A
	Input power	0 ~ 90000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 125A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	125A/ms
	Falling slope	125A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8090-2250-125
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	141A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<50mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	323.5kG	

## 6.1.54 IT8108-2250-150

Parameter		IT8108-2250-150
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 150A
	Input power	0 ~ 108000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 150A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	150A/ms
	Falling slope	150A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8108-2250-150
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	169A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<60mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	366.5kG	

## 6.1.55 IT8126-2250-175

Parameter		IT8126-2250-175
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 175A
	Input power	0 ~ 126000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 175A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% ofOutput+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	175A/ms
	Falling slope	175A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms

Parameter		IT8126-2250-175
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	198A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<70mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	409.7kG	

## 6.1.56 IT8144-2250-200

Parameter		IT8144-2250-200
Rated value ( 0 °C-50 °C)	Input voltage	0 ~ 2250V
	Input current	0 ~ 200A
	Input power	0 ~ 144000W
	Input resistance	0.001 ~ 7500Ω
	Min. operating voltage	6.25V at 200A
Setup Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Read Back Resolution	Voltage	0.1V
	Current	0.01A
	Power	0.001kW
	Resistance	0.01Ω
Setup Accuracy (within 12 months, 25°C ±5°C) ±(% of Output+Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Read Back Accuracy (within 12 months, 25°C ±5°C) ±(% of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS
	Resistance	≤2%Rmax,0 ~ 10%Rmax;≤5%Rmax,10% ~ Rmax
Setup Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Read Back Temperature Coefficient (% of Output/°C+Offset)	Voltage	≤50PPM/°C
	Current	≤200PPM/°C
Dynamic	Rising slope	200A/ms
	Falling slope	200A/ms
	Dynamic Frequency	500Hz
	Min. rise time	≤1ms



Parameter		IT8144-2250-200
Output parameter	Output voltage range	198V ~ 264V (Derating 50%) 342V ~ 528V (Three-phase four-wire)
	Output frequency range	47Hz ~ 63Hz
	Maximum output current (rms)	226A
	Power factor	≥0.99
	Islanding protection	Active islanding protection
Setup stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Setup stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-30min (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Readback stability-8h (%of Output +Offset)	Voltage	≤0.02% + 0.02%FS
	Current	≤0.1% + 0.1%FS
Input impedance quiescent current	<80mA at Vmax	
Efficiency	~ 92%	
Remote Sense Compensation Voltage	≤22.5V	
Command Response Time	2Ms	
Storage Temperature	-10°C ~ 70°C	
Protective Function	OVP, OCP, OPP, OTP and Vsense reversed protection	
Standard Interface	Standard: USB, CAN, LAN, VCP, optional: GPIB, RS232	
Isolation (input to ground)	3000V	
Working Temperature	0 ~ 50°C	
Dimension ( mm)	600mm(W)*917.61mm(D)*1441.41mm(H)	
Weight( net)	452.8kG	