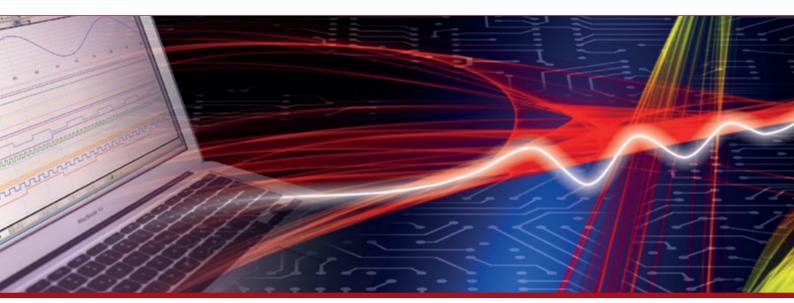


Product Datasheet - Technical Specifications



More information in our Web-Shop at ▶ www.meilhaus.com

Your contact

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IT-M3900D

High power DC power supply



Your Power Testing Solution



IT-M3900D

High power DC power supply





IT-M3900 series integrates the features of a DC power supply, a bi-directional power supply, a source and load system, and a regenerative electronic load in one. It keeps the advantages of high power density and architecture design of M series, power up to 6kw, current up to 510A, and voltage up to 1500V within one 1U unit, effectively reducing the equipment occupation space and cabinet time, wide-range models could meet different test requirements while matching with multi-functional, high energy-saving, high-safety, and high-stability product design, let the customer be confident to face a variety of complex

The IT-M3900D series is a single channel output programmable DC power supply. The density structure design can effectively save rack space. Also with wide-range output design, can provide a wider range of voltage and current combinations within the specified power range. One unit can be used as multiple power supplies, more flexibility. The CC/CV priority allows user to switch the output mode according to the different needs of the DUT priority, match with the high-precision and high-speed product characteristics, and a variety of standard communication interfaces, simplifying and speeding up the test development, can meet users' variety testing application, widely used in laboratories, production lines, and automatic test systems.

FEATURE

Compact design, power up to 6kW in 1U space, power up to12kW in 2U space

testing, improving the products competition ability.

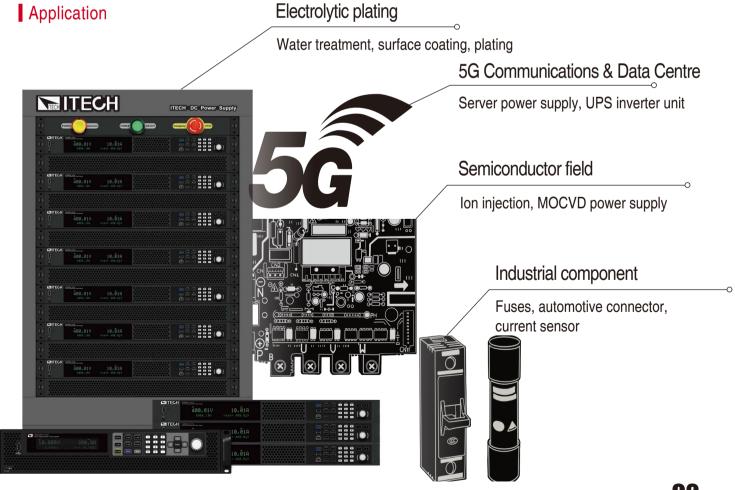
- Voltage range: 10-1500V
- Current range:8A~1020A
- Power range:1700W~12kW
- Wide range of output design, one unit can be used as multiple power supplies
- With patent simple master/slave parallel connection, expand power while maintaining performance*1
- CC/CV priority
- *1 If 1U models>16, 2U models>8, pls. contact ITECH.

- Adjustable output impedance
- Built-in function generator, support arbitrary-waveform generating
- List function, up to 200 steps can be set
- Support multiple working modes, adjustable rise and fall time The front panel supports the insertion of USB storage devices to meet the import of List files/Export, data logging functions,
- Standard build-in USB/CAN/LAN/digital IO communication interface, optional GPIB/analog & RS232

IT-M3900D High power DC power supply

	Model	Current	Power	Size		Model	Current	Power	Size
	IT-M3901D-10-170	170A	1700W	1U		IT-M3902D-32-80	80A	2kW	1U
10V	IT-M3903D-10-340	340A	3400W	1U	32V	IT-M3904D-32-160	160A	4kW	1U
10 V	IT-M3905D-10-510	510A	5100W	1U	32V	IT-M3906D-32-240	240A	6kW	1U
	IT-M3910D-10-1020	1020A	10200W	2U		IT-M3912D-32-480	480A	12kW	2U
	Model	Current	Power	Size		Model	Current	Power	Size
	IT-M3902D-80-40	40A	2kW	1U		IT-M3902D-300-20	20A	2kW	1U
80V	IT-M3904D-80-80	80A	4kW	1U	0001/	IT-M3904D-300-40	40A	4kW	1U
80 V	IT-M3906D-80-120	120A	6kW	1U	300V	IT-M3906D-300-60	60A	6kW	1U
	IT-M3912D-80-240	240A	12kW	2U		IT-M3912D-300-120	120A	12kW	2U
	Model	Current	Power	Size		Model	Current	Power	Size
	IT-M3902D-500-12	12A	2kW	1U		IT-M3902D-800-8	8A	2kW	1U
500V	IT-M3904D-500-24	24A	4kW	1U	800V	IT-M3904D-800-16	16A	4kW	1U
500 v	IT-M3906D-500-36	36A	6kW	1U	800 V	IT-M3906D-800-24	24A	6kW	1U
	IT-M3912D-500-72	72A	12kW	2U		IT-M3912D-800-48	48A	12kW	2U
	Model	Current	Power	Size					
1500V	IT-M3906D-1500-12	12A	6kW	1U					

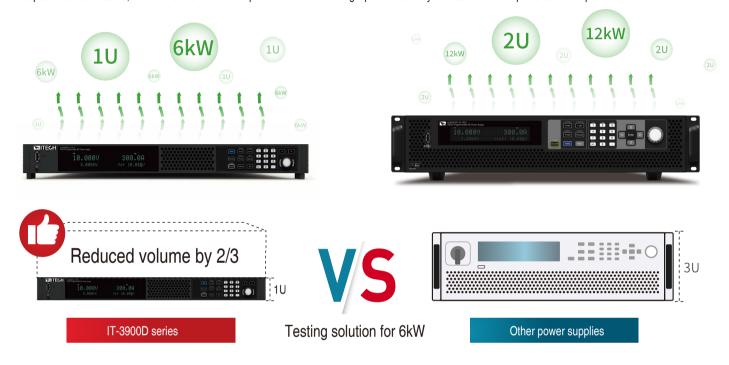
^{*}This information is subject to change without notice.



IT-M3900D High power DC power supply

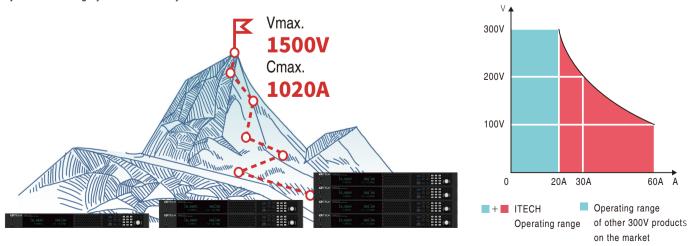
High power density, compact design

ITECH has always adhered to the design concept of high power density to help users optimize the test solutions. The IT-M3900D series adopts a compact structure design to effectively save rack space, and provide up to 6kW power output in a 1U chassis, up to 12kW power output in a 2U chassis, which makes the entire portfolio of ITECH high power density series more complete and comprehensive.



Wide range output

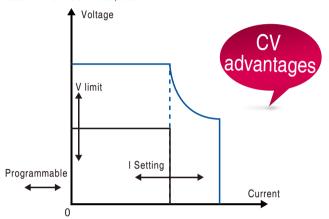
There are 25 models included in IT-M3900C series. The output voltage ranges from 10V to 1500V and the maximum output current of a single unit can reach 1020A. The wide-range output design provides more voltage and current combinations than conventional fixed-range output DC power supplies, which is more flexible. Just a single unit can cover a wide range of applications which makes it easy to build power systems and largely save room for you at the same time.



IT-M3900D High power DC power supply

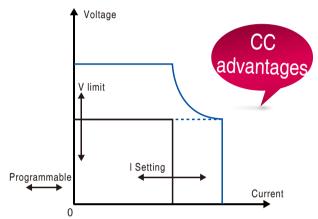
CC&CV priority function

CC/CV priority can continue to help users solve various severe problems in long-term test applications to make applications that require high-speed power or non-overshoot more flexible. The CC&CV priority function of IT-M3900D allows the user to select the response speed and the loop working mode of the CC/CV loop to determine whether the output is high-speed voltage mode or non-overshoot current mode, which is suitable for high-power integrated circuit testing, charging and discharging testing, power transient simulation and characterization of automotive electronics, etc.



Start surge current over current range to build voltage at high speed

(CV-High, CC-Low, CV advantages)



High-speed and seamless battery charging and discharging, no overshoot switching (CV-High, CC-High, CC advantages)

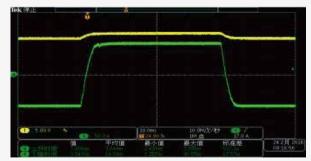
Applications

Diode, laser diode, LED, power semiconductor component testing

When facing a diode load, users can easily set the CC priority mode test in the menu. Advantages: The conventional power supply defaults to the CV loop priority, Therefore, the speed of suppressing the current overshoot at the moment of starting is slower. The CC/CV priority allows users to adjust the loop speed according to test requirements, such as setting it in CC priority mode to avoid output overshoot.



Diode load Conventional power test



Diode load
IT-M3900D CC priority mode

IT-M3900D High power DC power supply

High efficiency parallel connection technology

Considering the user's convenience and versatility, IT-M3900d can use master/slave control mode to parallel 6 units or more. Meanwhile ITECH patented fiber optic parallel technology fully solve the problems of slow speed and poor accuracy of traditional parallel methods. It is suitable for calibration and measurement, R&D lab, production line and ATE test.

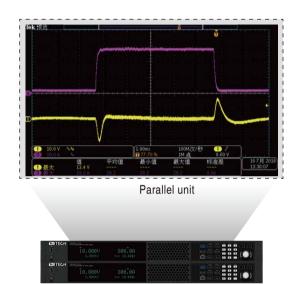
Single Unit

The parameters will not change after parallel connection

Optical fiber transfer between master and slave, guarantee perfect performance of anti-interference

Calibration is not requested after parallel connection

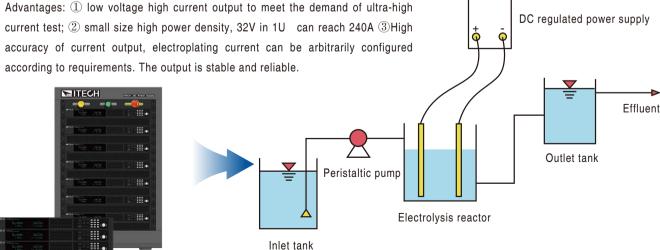
Adopt Optical fiber isolation technology, effective protection of the device and DUT



Applications

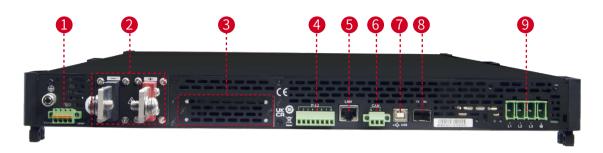
Electrolytic plating, Sewage treatment, Surface coating, Sputtering, Hydrogen production from electrolytic water

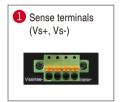
Recommendation: :IT-M3906D-32-240 *5 units in parallel



IT-M3900D High power DC power supply

Multiple interfaces





















Optional Accessories

Category	Model	Specification	Description
	IT-E4029-15U	IT15U cabinet	800mm×550mm X907.6mm
	IT-E4029-27U	IT27U cabinet	800mm×600mm×1362.75mm
Parallel kit	IT-E4029-37U	IT27U cabinet	800mm×600mm×1764.35mm
	IT-E168	Optical fiber cable kit	Connection between the units in a cabinet
	IT-E155A/B/C	Cabinet rack mount Kit	Cabinet rack mount installation
	IT-E165A-250*1	Anti-reverse protection unit 750V/250A	avoid reverse connection
Functional	IT-E165A-400*1	Anti-reverse protection unit 750V/400A	avoid reverse connection
Module	IT-E165A-500*1	Anti-reverse protection unit 900V/400A	avoid reverse connection
	IT-E165B *2	Anti electromotive force protection unit	avoid current back flow
	IT-E258	5m power cord for 3U unit, CN standard	AC input power cord
	IT-E258-15U	5m power cord for 15U unit, CN standard	AC input power cord
Other	IT-E258-27U	5m power cord for 27U unit, CN standard	AC input power cord
accessories	IT-E258-37U	5m power cord for 37U unit, CN standard	AC input power cord
	IT-E176	GPIB communication interface	
	IT-E177	RS232&analog communication card	



 $^{^{\}star}2$ $\,$ The voltage/current of the DUT must be within the IT-E165B rated range



IT-E4029-15U (Dimension:mm)

IT-M3900D High power DC power supply

		IT-M3905D-10-510	IT-M3906D-32-240
	Voltage	0~10V	0~32V
	Current	0~510A	0~240A
Input Rating	Power	0~5100W	0~6000W
	Series Resistance (CV priority mode)	0~0.02Ω	$0\sim0.2\Omega$
	Voltage	0.001V	0.001V
	Current	0.1A	0.01A
Input Resolution	Power	1W	1W
	Series Resistance (CV priority mode)	0.001Ω	0.001Ω
		0.001V	0.001V
Readback Resolution	Voltage	0.1A	0.01V 0.01A
Heauback Hesolution	Current		
	Power	1W	1W
	Voltage	≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
Setup Accuracy	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS	≤0.5% + 0.5%FS
	Series Resistance (CV priority mode)	≤1%FS	≤1%FS
	Voltage	≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
Readback Accuracy	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS	≤0.5% + 0.5%FS
Ripple	Voltage Peak Value	≤65mVpp	≤80mVpp
	Voltage RMS	≤10mV	≤30mV
Input Drift Temperature	Voltage	≤50ppm/°C	≤50ppm/°C
Coefficient	Current	≤50ppm/°C	≤50ppm/°C
Readback Drift Temperature	Voltage	≤50ppm/°C	≤50ppm/°C
Coefficient	Current	≤50ppm/°C	≤50ppm/℃
Rising Time (no load)	Voltage	≤50ms	≤15ms
Rising Time (full load)	Voltage	≤100ms	≤30ms
Falling Time (no load)	Voltage	≤50ms	≤30ms
Falling Time (full load)	Voltage	≤100ms	≤15ms
Dynamic Response Time	Voltage	≤10ms	≤1ms ^{*1}
Power Regulation Rate	Voltage	≤0.05% + 0.05%FS	≤0.02% + 0.02%FS
1 ower riegulation riate	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
Load Regulation Rate	Voltage	0.0035%*I + 0.05%FS	≤0.02% + 0.02%FS
Load negulation hate	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
	OCP	520A	250A
Input Protection Scope	OVP	10.5V	33V
	OPP	5202W	6120W
Remote Sense Compensatio		≤2V	≤2V
		3φ 110V~520V	3φ 110V~520V
AC Input *2	Voltage	1φ 85V~300V	1φ 85V~300V
AC Input	Frequency	50/60Hz	50/60Hz
Max AC Apparant Pawer	1 requeries	5.55kVA	6.5kVA
Max. AC Current		12.5Aac	12.5Aac
Max. AC Current Max. Efficiency		92%	92%
Max. Efficiency Power Factor			0.99
DC Component		0.99	≤0.2A
·		≤0.2A	
Current Harmonic		≤3%	≤3%
Programming Response Time		0.1ms	0.1ms
Withstand Voltage (DC to ground)		300Vdc	300Vdc
Withstand Voltage (AC to ground)		3500Vdc	3500Vdc
Dimension		660mm*437mm*43.5mm	660mm*437mm*43.5mm
N.W.		15kg	15kg

^{*1 25%-90%} rated current *2 The rated power will be decreased under low level voltage input

^{*} This information is subject to change without notice.

Your Power Testing Solution IT-M3900D High power DC power supply

		IT-M3906D-80-120	IT-M3906D-300-60
	Voltage	0∼80V	0~300V
	Current	0∼120A	0~60A
Input Rating	Power	0~6000W	0~6000W
	Series Resistance (CV priority mode)	$0\!\sim\!0.3\Omega$	0∼1Ω
	Voltage	0.001V	0.01V
	Current	0.01A	0.001A
Input Resolution	Power	1W	1W
	Series Resistance (CV priority mode)	0.001Ω	0.001Ω
	Voltage	0.001V	0.01V
Readback Resolution	Current	0.01A	0.001A
	Power	1W	1W
	Voltage	≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
0	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1%FS
Setup Accuracy	Power	≤0.5% + 0.5%FS	≤0.5% + 0.5%FS
	Series Resistance (CV priority mode)	≤1%FS	≤1%FS
	Voltage	≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
Readback Accuracy	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS	≤0.5% + 0.5%FS
D: .	Voltage Peak Value	≤200mVpp	≤300mVpp
Ripple	Voltage RMS	≤80mV	≤100mV
Input Drift Temperature	Voltage	≤50ppm/°C	≤50ppm/°C
Coefficient	Current	≤50ppm/°C	≤50ppm/°C
Readback Drift Temperature	Voltage	≤50ppm/°C	≤50ppm/°C
Coefficient	Current	≤50ppm/°C	≤50ppm/°C
Rising Time (no load)	Voltage	≤15ms	≤ 15ms
Rising Time (full load)	Voltage	≤30ms	≤30ms
Falling Time (no load)	Voltage	≤15ms	≤30ms
Falling Time (full load)	Voltage	≤30ms	≤15ms
Dynamic Response Time	Voltage	≤1ms *1	≤1ms ^{*1}
Dawar Dagulatian Data	Voltage	≤0.01% + 0.01%FS	≤0.01% + 0.01%FS
Power Regulation Rate	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
Load Regulation Rate	Voltage	≤0.01% + 0.01%FS	≤0.01% + 0.01%FS
Load negulation hate	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
	OCP	125A	63A
Input Protection Scope	OVP	82V	303V
	OPP	6120W	6120W
Remote Sense Compensatio	n Voltage	≤2V	≤3V
		3φ 110V ~ 520V	3φ 110V∼520V
AC Input *2	Voltage	1φ 85V~300V	1φ 85V~300V
, to input	Frequency	50/60Hz	50/60Hz
Max. AC Apparent Power		6.5kVA	6.5kVA
Max. AC Current		12.5Aac	12.5Aac
Max. Efficiency		92%	94.5%
Power Factor		0.99	0.99
DC Component		≤0.2A	≤0.2A
Current Harmonic		≤3%	≤3%
Programming Response Time		0.1ms	0.1ms
Withstand Voltage (DC to ground)		300Vdc	600Vdc
Withstand Voltage (AC to ground)		3500Vdc	3500Vdc
Dimension		660mm*437mm*43.5mm	660mm*437mm*43.5mm
N.W.		15kg	15kg

^{*1 25%-90%} rated current *2 The rated power will be decreased under low level voltage input

^{*} This information is subject to change without notice.

IT-M3900D High power DC power supply

		IT-M3906D-500-36	IT-M3906D-800-24
	Voltage	0∼500V	0∼800V
	Current	0~36A	0~24A
Input Rating	Power	0∼6000W	0∼6000W
	Series Resistance (CV priority mode)	0~1Ω	0~1Ω
	Voltage	0.01V	0.01V
	Current	0.001A	0.001A
Input Resolution	Power	1W	1W
	Series Resistance (CV priority mode)	0.01Ω	0.01Ω
	Voltage	0.01V	0.01V
Readback Resolution	Current	0.001A	0.001A
Ticauback Ficsolation	Power	1W	1W
		≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
	Voltage		≤0.1% + 0.1%FS
Setup Accuracy	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1% i 3 ≤0.5% + 0.5%FS
	Power Series Resistance	≤0.5% + 0.5%FS	
	Series Resistance (CV priority mode)	≤1%FS	≤1%FS
D	Voltage	≤0.03% + 0.03%FS	≤0.03% + 0.03%FS
Readback Accuracy	Current	≤0.1% + 0.1%FS	≤0.1% + 0.1%FS
	Power	≤0.5% + 0.5%FS	≤0.5% + 0.5%FS
Ripple	Voltage Peak Value	≤500mVpp	≤800mVpp
	Voltage RMS	≤200mV	≤300mV
Input Drift Temperature Coefficient	Voltage	≤50ppm/°C	≤50ppm/°C
	Current	≤50ppm/°C	≤50ppm/°C
Readback Drift Temperature	Voltage	≤50ppm/°C	≤50ppm/°C
Coefficient	Current	≤50ppm/°C	≤50ppm/°C
Rising Time (no load)	Voltage	≤15ms	≤15ms
Rising Time (full load)	Voltage	≤30ms	≤30ms
Falling Time (no load)	Voltage	≤30ms	≤30ms
Falling Time (full load)	Voltage	≤15ms	≤15ms
Dynamic Response Time	Voltage	≤1ms ^{*1}	≤1ms *1
Power Regulation Rate	Voltage	≤0.01% + 0.01%FS	≤0.01% + 0.01%FS
	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
Load Regulation Rate	Voltage	≤0.01% + 0.01%FS	≤0.01% + 0.01%FS
Load Hogalation Hato	Current	≤0.05% + 0.05%FS	≤0.05% + 0.05%FS
	OCP	37A	25A
Input Protection Scope	OVP	505V	808V
	OPP	6120W	6120W
Remote Sense Compensatio	n Voltage	≤5V	≤8V
	Voltage	3φ 110V∼520V	3φ 110V~520V
AC Input *2		1φ 85V~300V	1φ 85V ~300V
7.0put	Frequency	50/60Hz	50/60Hz
Max. AC Apparent Power		6.5kVA	6.5kVA
Max. AC Current		12.5Aac	12.5Aac
Max. Efficiency		94.5%	94.5%
Power Factor		0.99	0.99
DC Component		≤0.2A	≤0.2A
Current Harmonic		≤3%	≤3%
Programming Response Time		0.1ms	0.1ms
Withstand Voltage (DC to ground)		800Vdc	1000Vdc
Withstand Voltage (AC to ground)		3500Vdc	3500Vdc
		660mm*437mm*43.5mm	660mm*437mm*43.5mm
Dimension		-	15kg
N.W.		15kg	long

 $^{^{\}star}1$ 25%-90% rated current $\,^{\star}2$ The rated power will be decreased under low level voltage input

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Your Power Testing Solution IT-M3900D High power DC power supply

Power Pow			IT MODOCD 1500 10
Carrel O 2		Voltage	IT-M3906D-1500-12
Power		-	
Process	Input Rating		
Voltage			
Description Content			
Power Cymon Cym		-	
Power 1	Input Resolution		
Reachack Resolution			
Current Cur		(CV priority mode)	0.01Ω
Power		Voltage	0.01V
Voltage	Readback Resolution	Current	0.001A
Setup Accuracy Current		Power	1W
Setup Accuracy Some Som		Voltage	\leq 0.03% + 0.03% FS
Power Software S	Setup Accuracy	Current	≤0.1% + 0.1%F\$
Anabadack Accuracy Current	Getup Accuracy		≤0.5% + 0.5%F\$
Anabadack Accuracy Current		Series Resistance (CV priority mode)	≤1%F\$
Power			≤0.03%+0.03%F\$
Voltage Peak Value	Readback Accuracy	Current	≤0.1%+0.1%F\$
		Power	≤0.5%+0.5%F\$
Voltage RNS	Disale	Voltage Peak Value	≤1500mVpp
Soppm'C Current	нірріе	Voltage RMS	≤500mV
Septiment Current Septiment Septi	Input Drift Temperature		≤50ppm/°C
Seachack Drift Temperature Coefficient Courent Soppm/°C	Coefficient	-	 ≤50ppm/°C
Coefficient Current ≤ 50ppm/°C Rising Time (nol add) Voltage ≤ 15ms Rising Time (nol load) Voltage ≤ 30ms Falling Time (full load) Voltage ≤ 30ms Falling Time (full load) Voltage ≤ 15ms Dynamic Response Time Voltage ≤ 15ms Power Regulation Rate Voltage ≤ 0.01% + 0.01%FS Current ≤ 0.05% + 0.05%FS Code Regulation Rate Current ≤ 0.05% + 0.05%FS OVP 1515V OPP 6120W Remote Sense Compensation ≤ 15V AC Input *2 Voltage ≤ 15V AC Input *2 Yolkage ≤ 15V AC Input *2 Yolkage ≤ 15V AC A Opparent Power So60H2 ≤ 15V Max. AC Apparent Power 45% ≤ 02A Current Harmonic ≤ 0.2A < 0.2A	Readback Drift Temperature	Voltage	
Sinsg Time (no load)	Coefficient		· ·
Signatur Citude Color	Rising Time (no load)		
Falling Time (no load) Author (no load) Dynamic Response Time Power Regulation Rate Current Current Current Current Current Cod Regulation Rate Power Regulation Rate Current			
Salling Time (full load)			
Opwarring Response Time Power Regulation Rate Power Power Rate Power Rate Power Power Rate Power Rate Power Rate Power Power Rate			
Power Regulation Rate Voltage Current ≤ 0.01% + 0.01%FS Load Regulation Rate Voltage Current ≤ 0.05% + 0.05%FS Input Protection Scope OCP OP 0.12.5A or 12.5A OVP OP 0FP 0F155V OPP 0FP 0FP 0F120W 0PP 0FP 0F120W Remote Sense Compensation Voltage ≤ 15V AC Input 12		-	
Coure Negulation Rate Current ≤ 0.05% + 0.05% FS Load Regulation Rate Voltage ≤ 0.01% + 0.01% FS Load Regulation Rate Current ≤ 0.05% + 0.05% FS Load Regulation Rate CUP 12.5A or 12.5A Load Regulation Rate OVP 1515V OVP 6120W Remote Sense Compensation Voltage ≤ 15V AC Input ** Yoltage 3q 110V ~ 520V Voltage 1q 85V ~ 300V Frequency 50/60Hz Max. AC Apparent Power 6.5kVA Max. CC Current 12.5Aac Max. Efficiency 94.5% Power Factor 0.99 CC Component ≤ 0.2A Current Hamonic ≤ 3% Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 660mm*437mm*43.5mm			
Load Regulation Rate Voltage ≤ 0.01% + 0.01%FS Load Regulation Rate Current ≤ 0.05% + 0.05%FS Input Protection Scope OCP -12.5A or 12.5A Input Protection Scope OVP 1515V Permote Sense Compensation Voltage ≤ 15V AC Input Protection Voltage 3op 110V ~ 520V AC Input Protection Frequency 50/60Hz Max. AC Apparent Power 6.5kVA Max. AC Current 12.5Aac Max. Efficiency 94.5% Power Factor 0.99 CC Component ≤ 0.2A Current Harmonic ≤ 3% Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 660mm*437mm*43.5mm	Power Regulation Rate	-	
Current Protection Scope Current Scope ≤ 0.05% + 0.05%FS Note Protection Scope OCP OVP OVP OVP OVP OVP OVP OVP OVP OVP OV			
DCP	Load Regulation Rate	-	
OVP DPP 1515V OPP 6120W Pemote Sense Compensation Voltage ≤ 15V AC Input 2			
OPP 6120W Pemote Sense Compensation Voltage ≤15V AC Input '2 Voltage Trequency Frequency 50/60Hz Wax. AC Apparent Power 6.5kVA Wax. AC Current 12.5Aac Wax. Efficiency 94.5% Power Factor 0.99 DC Component ≤0.2A Current Harmonic ≤3% Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 1000Vm 1800Vdc Withstand Voltage (AC to ground) 1800Vdc OPP	Input Protection Scope		
AC Input '2 Voltage 3φ 110V ~ 520V AC Input '2 1φ 85V ~ 300V Max. AC Apparent Power 6.5kVA Max. AC Current 12.5Aac Max. Efficiency 94.5% Power Factor 0.99 DC Component ≤ 0.2A Current Harmonic ≤ 3% Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 660mm*437mm*43.5mm			
AC Input ¹² AC Input ¹² AC Input ¹² AC Input ¹² Max. AC Apparent Power Max. AC Apparent Power Max. AC Current Max. AC Current Max. AC Current 12.5 Aac Max. Efficiency Power Factor CC Component CC Component Current Harmonic ⇒ 3% Programming Response Time Mithstand Voltage (DC to ground) Mithstand Voltage (AC to ground)	Pomoto Sonco Componentio		
AC Input *2 Voltage 1	Tierrote derise domperisatio	ii voitage	
Frequency 50/60Hz Max. AC Apparent Power 6.5kVA Max. AC Current 12.5Aac Max. Efficiency 94.5% Power Factor 0.99 DC Component ≤ 0.2A Current Harmonic ≤ 3% Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 660mm*437mm*43.5mm	*0	Voltage	
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Programming Response Time 0.1ms Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 660mm*437mm*43.5mm			
Withstand Voltage (DC to ground) 1800Vdc Withstand Voltage (AC to ground) 3500Vdc Dimension 660mm*437mm*43.5mm			
Withstand Voltage (AC to ground) Dimension 3500Vdc 660mm*437mm*43.5mm	Programming Response Time		
Dimension 660mm*437mm*43.5mm	Withstand Voltage (DC to ground)		
N.W. 15kg	Dimension		
	N.W.		15kg

^{*1 25%-90%} rated current *2 The rated power will be decreased under low level voltage input

^{*} This information is subject to change without notice.