



GUANGZHOU MYAMI ELECTRONIC TECHNOLOGY CO.,LTD

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6KW PE Series DC POWER SUPPLY— Features

SMPS

Product features and advantages

【High precision display for voltage,current, power】

- ▶ 4 digital display, 10mV and10mA resolution,Easy to use with the display of voltage,current, power,resistance.

【Independent output control button】

- ▶ Independent button to control the output on or off ,whihc effiecnly to avoid the direct output damage to the load instrument

【Powerful protection】

- ▶ Five powerful protection for over voltage, over current, over power, over temperature,short circuite;

【Communication】

- ▶ Optional RS232, RS485, and USB serial communication,supporting MODBUS RTU protocol, Option for Analog Control Module
- ▶ Special software support computer control

【Sense compensation】

- ▶ Equipped with a sense terminal to compaensate the electric energy loss caused by cable heating .

【Programming function】

- ▶ Six groups of memory setting, combined with the "LIST" mode and delay function,
- ▶ Timing function
Positive timing to support calculate the output time.
Countdown to support controle the output time.
- ▶ Support auto-output setting when power on

5.5kg/pc when<2400w



► Technical parameter table

Input	
Input voltage	Power ≤3000W, Option for AC 110V±10%, 50Hz or AC 220V±10%, 50/60Hz
	Power >3000W, AC 220V±10%, 50/60Hz
Display Stability	
Voltage Stability	≤± (0.2%+5digits)
Current Stability	≤± (0.5%+5digits)
Load Stability	≤0.5%
Ripple and Noise	≤1% (Valid values)
Display Resolution	
Voltage Resolution	<100V : 10mV; ≥100V : 100mV
Current Resolution	<100A : 10mA; ≥100A : 100mA
Power Resolution	<10W : 1mW ; ≥10W : 10mW; ≥100W : 0.1W ; ≥1000W : 1W
Load Equivalent Resistance Display Resolution	<10R : 1mR ; ≥10R : 10mR; ≥100R : 0.1R ; ≥1000R : 1R
Product size&weight	
Product size	D330×W250×H155mm when<2400W D410×W250×H155mm when≥2400W
Product net weight	5.5kg when <2400W; 7.5kg when≥2400W

7.5kg/pc when≥2400W



Widely used in product aging maintenance, battery charge, experimental test, production test, electroplating ,etc.



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Datasheet DC Power supply -- PE Series										
Rated DC output (0℃~40℃)										
Model Output options	15V60A	15V100A	20V50A	30V20A	30V30A	30V50A	30V60A	30V80A	30V100A	30V150A
	30V200A	50V20A	50V30A	50V50A	50V60A	60V10A	60V15A	60V20A	60V30A	60V50A
	60V60A	60V100A	80V30A	100V5A	100V10A	100V20A	100V30A	100V60A	120V10A	120V20A
	120V30A	150V5A	150V10A	150V30A	200V2A	200V3A	200V5A	220V10A	220V20A	300V2A
	300V3A	300V5A	300V10A	300V20A	400V2A	400V3A	400V5A	400V10A	500V2A	500V3A
	500V5A	500V6A	500V10A	600V2A	600V3A	600V5A	600V10A	800V1A	800V2A	800V3A
	800V5A	800V6A								
Output setting comment										
0~rated voltage, 0~rated current, continuous adjustable, single output channel										
Input										
Input voltage										
Power ≤3000W, Option for AC 110V±10%, 50Hz or AC 220V±10%, 50/60Hz										
Power >3000W, AC 220V±10%, 50/60Hz										
Display Stability										
Voltage Stability										
≤± (0.2%+5digits)										
Current Stability										
≤± (0.5%+5digits)										
Load Stability										
≤0.5%										
Ripple and Noise										
≤1% (Valid values)										
Display Resolution										
Voltage Resolution										
<100V : 10mV; ≥100V : 100mV										
Current Resolution										
<100A : 10mA; ≥100A : 100mA										
Power Resolution										
<10W : 1mW ; ≥10W : 10mW; ≥100W : 0.1W ; ≥1000W : 1W										
Load Equivalent Resistance Display Resolution										
<10R : 1mR ; ≥10R : 10mR; ≥100R : 0.1R ; ≥1000R : 1R										
Voltage and current value preset accuracy										
Output voltage preset accuracy										
0.1V										
Output current stabilization preset accuracy										
0.1A										
Operating Environment										
Elevation										
≤2000m										
Relative Humidity										
<80%										
Ambient temperature										
5℃~ 40℃										
Storage environment										
Ambient temperature										
-20~ 80℃										
Relative Humidity										
≤80%										
Communication Interface										
Standard SNESE/RS485,Modbus protocol(optional USB/RS232)										
Protection										
Five powerful protection										
Over load protection for voltage,current,power, temperature; and short circuit protection										
Size										
D330×W250×H155mm when<2400W										
D410×W250×H155mm when≥2400W										
Package Size										
D430×W330×H250mm when<2400W										
D520×W330×H250mm when≥2400W										
Weight										
Product net weight										
5.5kg when <2400W; 7.5kg when≥2400W										
Packge weight										
6.5kg when <2400W; 9.5kg when≥2400W										

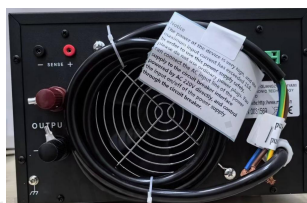
Application:

- (1) Aerospace Testing
- (2) Photovoltaic and energy storage system
- (3) New energy vehicle
- (4) Data center
- (5) Industrial motor
- (6) Power semiconductor module
- (7) Automated test system (ATE)
- (8) Lithium fuel cell
- (9) Aging of electronic equipment
- (10) Precision electroplating, splashing and surface treatment

Feature:

- (1) RS485 serial port is standard (optional USB/RS232); Option for Analog Control Module
- (2) SENSE serial port is standard;
- (3) MUDBUS communication protocol and special software to support computer control.
- (4) The set value and the actual value are displayed in the same frame and can be compared;
- (5) Timing function, the maximum timing is 11 days; Single timing up to 12 hours;
- (6) 4LED digital display ,list sequence testing technology
- (7) Five powerful protection for over voltage, over current, over power, over temperature,short circuite;
- (8) 6 group memory settings
- (9) Support auto-output setting when power on

when≥2400W



when<2400W





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Model list - PE Series DC POWER SUPPLY

SMPS

SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy
1	15V	MY-K1560PE	0-15VDC	0-60A	900 W	10mV	10mA
2		MY-K15100PE	0-15VDC	0-100A	1500 W	10mV	100mA
3	20V	MY-K2050PE	0-20VDC	0-50A	1000 W	10mV	10mA
4	30V	MY-K3020PE	0-30VDC	0-20A	600 W	10mV	10mA
5		MY-K3030PE	0-30VDC	0-30A	900 W	10mV	10mA
6		MY-K3050PE	0-30VDC	0-50A	1500 W	10mV	10mA
7		MY-K3060PE	0-30VDC	0-60A	1800 W	10mV	10mA
8		MY-K3080PE	0-30VDC	0-80A	2400 W	10mV	10mA
9		MY-K30100PE	0-30VDC	0-100A	3000 W	10mV	100mA
10		MY-K30150PE	0-30VDC	0-150A	4500 W	10mV	100mA
11		MY-K30200PE	0-30VDC	0-200A	6000 W	10mV	100mA
12	50V	MY-K5020PE	0-50VDC	0-20A	1000 W	10mV	10mA
13		MY-K5030PE	0-50VDC	0-30A	1500 W	10mV	10mA
14		MY-K5050PE	0-50VDC	0-50A	2500 W	10mV	10mA
15		MY-K5060PE	0-50VDC	0-60A	3000 W	10mV	10mA
16	60V	MY-K6010PE	0-60VDC	0-10A	600 W	10mV	10mA
17		MY-K6015PE	0-60VDC	0-15A	900 W	10mV	10mA
18		MY-K6020PE	0-60VDC	0-20A	1200 W	10mV	10mA
19		MY-K6030PE	0-60VDC	0-30A	1800 W	10mV	10mA
20		MY-K6050PE	0-60VDC	0-50A	3000 W	10mV	10mA
21		MY-K6060PE	0-60VDC	0-60A	3600 W	10mV	10mA
22		MY-K60100PE	0-60VDC	0-100A	6000 W	10mV	100mA
23	80V	MY-K8030PE	0-80VDC	0-30A	2400 W	10mV	10mA
24	100V	MY-K10005PE	0-100VDC	0-5A	500 W	100mv	10mA
25		MY-K10010PE	0-100VDC	0-10A	1000 W	100mv	10mA
26		MY-K10020PE	0-100VDC	0-20A	2000 W	100mv	10mA
27		MY-K10030PE	0-100VDC	0-30A	3000 W	100mv	10mA
28		MY-K10060PE	0-100VDC	0-60A	6000 W	100mv	10mA
29	120V	MY-K12010PE	0-120VDC	0-10A	1200 W	100mv	10mA
30		MY-K12020PE	0-120VDC	0-20A	2400 W	100mv	10mA
31		MY-K12030PE	0-120VDC	0-30A	3600 W	100mv	10mA



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SMPS

SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy
32	150V	MY-K15005PE	0-150VDC	0-5A	750 W	100mv	10mA
33		MY-K15010PE	0-150VDC	0-10A	1500 W	100mv	10mA
34		MY-K15030PE	0-150VDC	0-30A	4500 W	100mv	10mA
35	200V	MY-K20002PE	0-200VDC	0-2A	400 W	100mv	10mA
36		MY-K20003PE	0-200VDC	0-3A	600 W	100mv	10mA
37		MY-K20005PE	0-200VDC	0-5A	1000 W	100mv	10mA
38	220V	MY-K22010PE	0-220VDC	0-10A	2200 W	100mv	10mA
39		MY-K22020PE	0-220VDC	0-20A	4400 W	100mv	10mA
40	300V	MY-K30002PE	0-300VDC	0-2A	600 W	100mv	10mA
41		MY-K30003PE	0-300VDC	0-3A	900 W	100mv	10mA
42		MY-K30005PE	0-300VDC	0-5A	1500 W	100mv	10mA
43		MY-K30010PE	0-300VDC	0-10A	3000 W	100mv	10mA
44		MY-K30020PE	0-300VDC	0-20A	6000 W	100mv	10mA
45	400V	MY-K40002PE	0-400VDC	0-2A	800 W	100mv	10mA
46		MY-K40003PE	0-400VDC	0-3A	1200 W	100mv	10mA
47		MY-K40005PE	0-400VDC	0-5A	2000 W	100mv	10mA
48		MY-K40010PE	0-400VDC	0-10A	4000 W	100mv	10mA
49	500V	MY-K50002PE	0-500VDC	0-2A	1000 W	100mv	10mA
50		MY-K50003PE	0-500VDC	0-3A	1500 W	100mv	10mA
51		MY-K50005PE	0-500VDC	0-5A	2500 W	100mv	10mA
52		MY-K50006PE	0-500VDC	0-6A	3000 W	100mv	10mA
53		MY-K50010PE	0-500VDC	0-10A	5000 W	100mv	10mA
54	600V	MY-K60002PE	0-600VDC	0-2A	1200 W	100mv	10mA
55		MY-K60003PE	0-600VDC	0-3A	1800 W	100mv	10mA
56		MY-K60005PE	0-600VDC	0-5A	3000 W	100mv	10mA
57		MY-K60010PE	0-600VDC	0-10A	6000 W	100mv	10mA
58	800V	MY-K80001PE	0-800VDC	0-1A	800 W	100mv	10mA
59		MY-K80002PE	0-800VDC	0-2A	1600 W	100mv	10mA
60		MY-K80003PE	0-800VDC	0-3A	2400 W	100mv	10mA
61		MY-K80005PE	0-800VDC	0-5A	4000 W	100mv	10mA
62		MY-K80006PE	0-800VDC	0-6A	4800 W	100mv	10mA