



GUANGZHOU MYAMI ELECTRONIC TECHNOLOGY CO.,LTD

Contact: Gor Lee, Mob:+8615813375545

Email:gzmyami@vip.163.com

Alibaba link: <https://myami.en.alibaba.com>

Web site: <http://www.myami.cn>

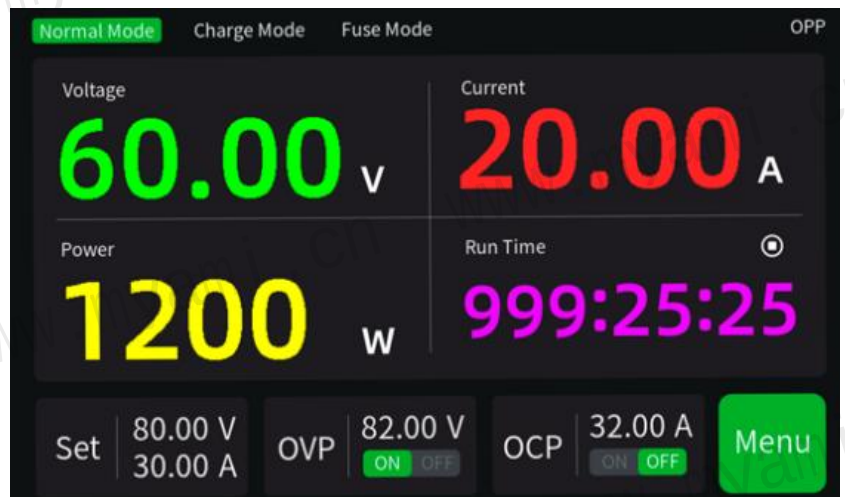


MYAMi PL series is our latest product launch. It has three convenient and practical modes: DC power supply, DC charger, Fuse blow test.

Product Features

【DC power supply Mode】

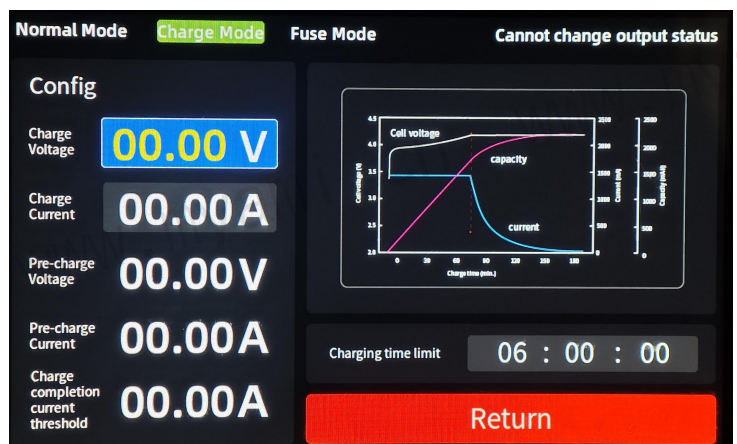
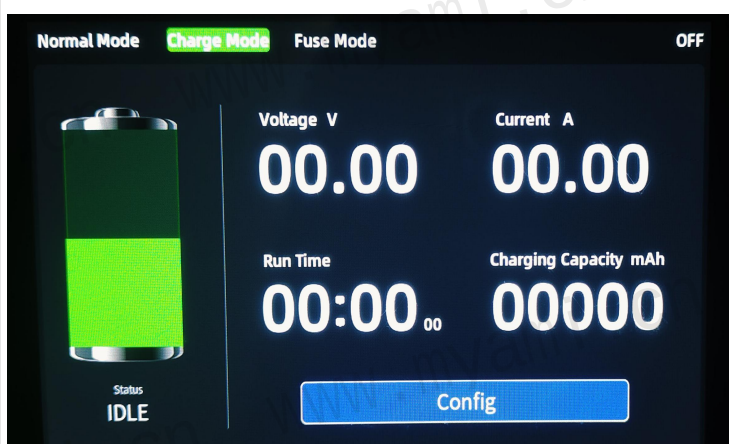
- Color screen, Display more clearly
- 4 digital display, 10mV and 10mA resolution
- High precision display for voltage, current, power



【DC charger Mode】

- Curve algorithm charging mode which effectively reduces battery damage

Step 1: Pre-charging -> Step 2: Constant current charging -> Step 3: Constant voltage charging -> Step 4: End charging





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【DC charger Mode】

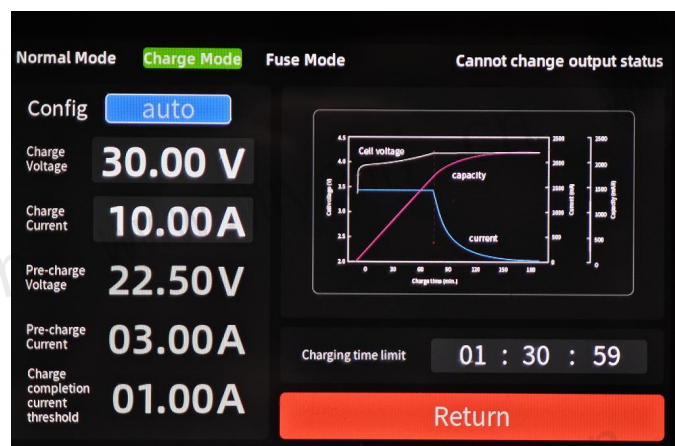
► Two charge mode option: auto charge mode / manual charge mode

Auto charge mode

Users only need to set the charging voltage and charging current according to the parameters indicated by the load, then start charging. The machine will automatically start pre-charge detection and end the charge according to user setting.

Setting range:

Mode	Item	adjustable	adjustable range
Auto	Charge voltage	Yes	0~ Max rated voltage
	Charge current	Yes	0~ Max rated current
	Pre-charge voltage	No	Fixed as 75% Charge voltage
	Pre-charge current	No	Fixed as 30% Charge current
	Charge completion current	No	Fixed as 10% Charge current



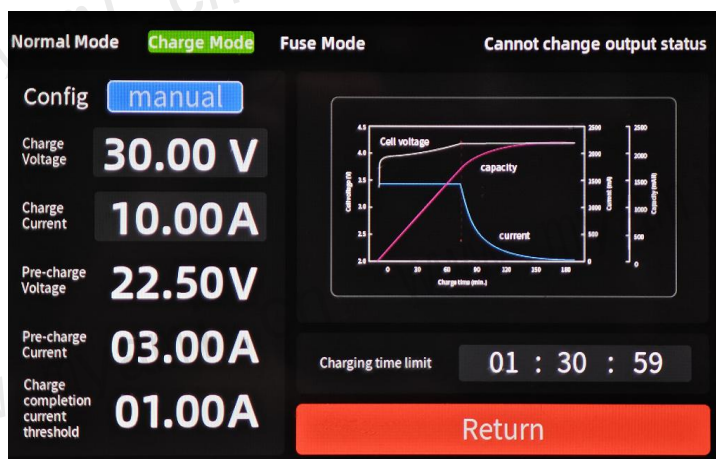
Manual charge mode

Users can set the charging voltage and charging current not only according to the parameters indicated by the load, but also can make suitable adjustment according to personal needs.

The machine will start and end the charge according to user setting.

Setting range:

Mode	Item	adjustable	adjustable range
Manual	Charge voltage	Yes	0~ Max rated voltage
	Charge current	Yes	0~ Max rated current
	Pre-charge voltage	Yes	0~ Charge voltage
	Pre-charge current	Yes	0~ Charge current
	Charge completion current	Yes	0~ Charge current





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Product Features

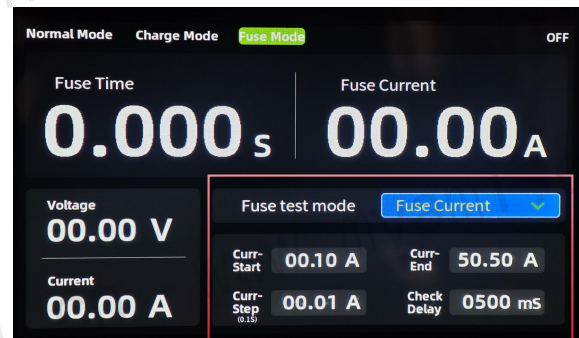
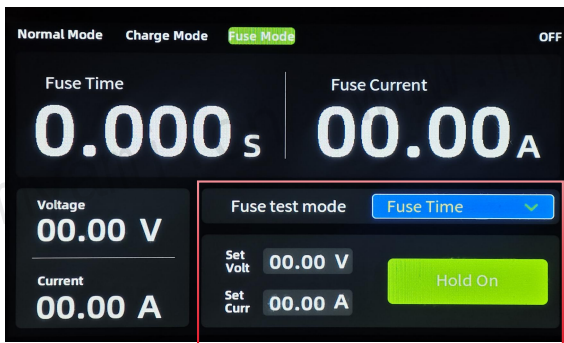
【Fuse blow test Mode】

►Current mode of Fuse blown

Scan to obtain the critical current value for instantaneous fuse melting

►Timing mode of Fuse blown

Constant current output to test the fuse characteristics between ampere and second



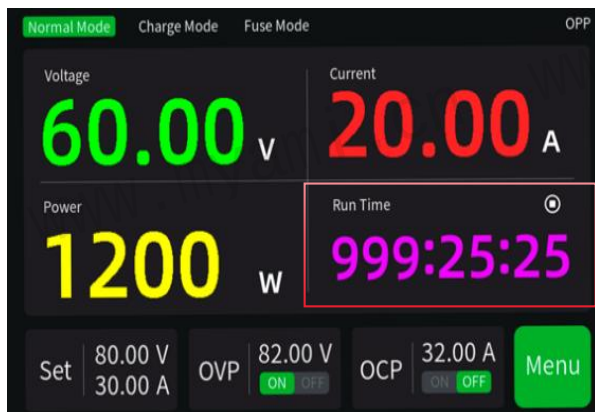
【More stronger timing function】

►Positive timing functions

The time won't reset when turn off output in pause state. It will continue to accumulate time after restarting the output. It will end timing when turn off the output in the restart state. It will re-timing after restarting the output.

►Time countdown functions

Automatically turn off output when the preset running time is reached



【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,

【Advanced embedded operating system】

►Stable and reliable



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DC Power supply Datasheet -- PL 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%+0.05V)

Current Stability

≤ ± (0.5%+0.05A)

Load Stability

≤ 0.5%

Ripple and Noise

≤ 1% (Valid values)

Minimum precision of fuse blown

50ms

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

Time Display Resolution

DC power supply mode&DC charger mode: 1 hour, 1 minute, 1 second; Fuse blow test Mode: 1ms

Voltage and current value preset accuracy

Output voltage preset accuracy

0.1V

Output current stabilization preset accuracy

0.1A

Time display range

DC power supply mode: 0~256 hours

DC charger mode: 0~100 hours

Fuse blow test Mode: 0~ 9999s

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

Product 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

Package weight

8kg when <2400W; 11kg 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) Three convenient and practical modes:DC power supply, DC charger, Fuse blow test.
- (2) RS485 serial port is standard, (optional USB/RS232)
- (3) SENSE serial port is standard;
- (4) MUDBUS communication protocol;
- (5) Timing function
- (6) Five powerful protection for over voltage, over current, over power, over temperature,short circuite;



when≥2400W



when<2400W



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Model list - PL Series DC POWER SUPPLY

SMPS

SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy
1	15V	MY-K1560PL	0-15VDC	0-60A	900 W	10mV	10mA
2		MY-K15100PL	0-15VDC	0-100A	1500 W	10mV	100mA
3	20V	MY-K2050PL	0-20VDC	0-50A	1000 W	10mV	10mA
4	30V	MY-K3020PL	0-30VDC	0-20A	600 W	10mV	10mA
5		MY-K3030PL	0-30VDC	0-30A	900 W	10mV	10mA
6		MY-K3050PL	0-30VDC	0-50A	1500 W	10mV	10mA
7		MY-K3060PL	0-30VDC	0-60A	1800 W	10mV	10mA
8		MY-K3080PL	0-30VDC	0-80A	2400 W	10mV	10mA
9		MY-K30100PL	0-30VDC	0-100A	3000 W	10mV	100mA
10		MY-K30150PL	0-30VDC	0-150A	4500 W	10mV	100mA
11		MY-K30200PL	0-30VDC	0-200A	6000 W	10mV	100mA
12	50V	MY-K5020PL	0-50VDC	0-20A	1000 W	10mV	10mA
13		MY-K5030PL	0-50VDC	0-30A	1500 W	10mV	10mA
14		MY-K5050PL	0-50VDC	0-50A	2500 W	10mV	10mA
15		MY-K5060PL	0-50VDC	0-60A	3000 W	10mV	10mA
16	60V	MY-K6010PL	0-60VDC	0-10A	600 W	10mV	10mA
17		MY-K6015PL	0-60VDC	0-15A	900 W	10mV	10mA
18		MY-K6020PL	0-60VDC	0-20A	1200 W	10mV	10mA
19		MY-K6030PL	0-60VDC	0-30A	1800 W	10mV	10mA
20		MY-K6050PL	0-60VDC	0-50A	3000 W	10mV	10mA
21		MY-K6060PL	0-60VDC	0-60A	3600 W	10mV	10mA
22		MY-K60100PL	0-60VDC	0-100A	6000 W	10mV	100mA
23	80V	MY-K8030PL	0-80VDC	0-30A	2400 W	10mV	10mA
24	100V	MY-K10005PL	0-100VDC	0-5A	500 W	100mv	10mA
25		MY-K10010PL	0-100VDC	0-10A	1000 W	100mv	10mA
26		MY-K10020PL	0-100VDC	0-20A	2000 W	100mv	10mA
27		MY-K10030PL	0-100VDC	0-30A	3000 W	100mv	10mA
28		MY-K10060PL	0-100VDC	0-60A	6000 W	100mv	10mA
29	120V	MY-K12010PL	0-120VDC	0-10A	1200 W	100mv	10mA
30		MY-K12020PL	0-120VDC	0-20A	2400 W	100mv	10mA
31		MY-K12030PL	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-K15005PL	0-150VDC	0-5A	750 W	100mv	10mA
33		MY-K15010PL	0-150VDC	0-10A	1500 W	100mv	10mA
34		MY-K15030PL	0-150VDC	0-30A	4500 W	100mv	10mA
35	200V	MY-K20002PL	0-200VDC	0-2A	400 W	100mv	10mA
36		MY-K20003PL	0-200VDC	0-3A	600 W	100mv	10mA
37		MY-K20005PL	0-200VDC	0-5A	1000 W	100mv	10mA
38	220V	MY-K22010PL	0-220VDC	0-10A	2200 W	100mv	10mA
39		MY-K22020PL	0-220VDC	0-20A	4400 W	100mv	10mA
40	300V	MY-K30002PL	0-300VDC	0-2A	600 W	100mv	10mA
41		MY-K30003PL	0-300VDC	0-3A	900 W	100mv	10mA
42		MY-K30005PL	0-300VDC	0-5A	1500 W	100mv	10mA
43		MY-K30010PL	0-300VDC	0-10A	3000 W	100mv	10mA
44		MY-K30020PL	0-300VDC	0-20A	6000 W	100mv	10mA
45	400V	MY-K40002PL	0-400VDC	0-2A	800 W	100mv	10mA
46		MY-K40003PL	0-400VDC	0-3A	1200 W	100mv	10mA
47		MY-K40005PL	0-400VDC	0-5A	2000 W	100mv	10mA
48		MY-K40010PL	0-400VDC	0-10A	4000 W	100mv	10mA
49	500V	MY-K50002PL	0-500VDC	0-2A	1000 W	100mv	10mA
50		MY-K50003PL	0-500VDC	0-3A	1500 W	100mv	10mA
51		MY-K50005PL	0-500VDC	0-5A	2500 W	100mv	10mA
52		MY-K50006PL	0-500VDC	0-6A	3000 W	100mv	10mA
53		MY-K50010PL	0-500VDC	0-10A	5000 W	100mv	10mA
54	600V	MY-K60002PL	0-600VDC	0-2A	1200 W	100mv	10mA
55		MY-K60003PL	0-600VDC	0-3A	1800 W	100mv	10mA
56		MY-K60005PL	0-600VDC	0-5A	3000 W	100mv	10mA
57		MY-K60010PL	0-600VDC	0-10A	6000 W	100mv	10mA
58	800V	MY-K80001PL	0-800VDC	0-1A	800 W	100mv	10mA
59		MY-K80002PL	0-800VDC	0-2A	1600 W	100mv	10mA
60		MY-K80003PL	0-800VDC	0-3A	2400 W	100mv	10mA
61		MY-K80005PL	0-800VDC	0-5A	4000 W	100mv	10mA
62		MY-K80006PL	0-800VDC	0-6A	4800 W	100mv	10mA