

POWERTECH

MP3800 SWITCHING POWER SUPPLY

INSTRUCTION

MP3800 is lightweight, high performance, high efficiency, durable, switching power supply and with highly visible back light, easy to read dual meters .

Specification

Input voltage: AC 90~125 or AC 200~240 inside selectable

Output voltage : MP3800 DC 0.0V~24V variable

Output voltage regulation : less than 1%

Ripple: less than 9mVp-p at rated load

Protection:

1 short protection: it will reduce the output voltage down to 0.1v Amps down to 0.4Amps and the warning led will light up

when short condition remove it will automatic restart the power supply to normal condition.

2 overload protection: same as above

3 over temperature protection: MP3800 has two stage over temperature protection .

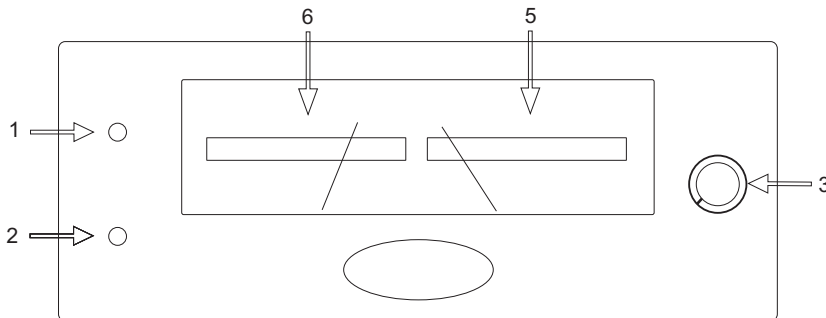
Output current: MP3800 Max Dc24v 6A DC16V 12A DC12V 15A DC5V 17.0A DC3V 17.4A DC2V10.0A

Dimension :165(D)X147(W)55(H)mm

Weight : MP3800 1.0Kg

Function Description

Fig 1. For MP3800 only



1 Power indicator : Light up when the unit turn on.

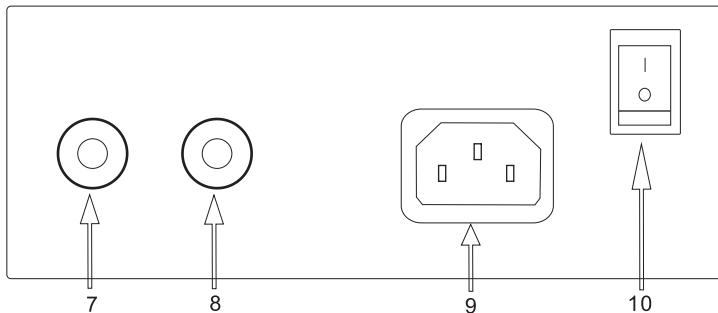
2 Warning indicator: Light up when output terminal short or over load, over voltage(preset 16Dcv), component over hot.

3 Voltage adjust knob: Turn clockwise increase the output voltage ,when at center position factory preset Dc 13.8v.

5 Amps indicator meter: Display the output current when connect any device.

6 Voltage indicator meter: Display the output voltage.

Fig 2.



7 Output terminal: Negative polar of Dc output

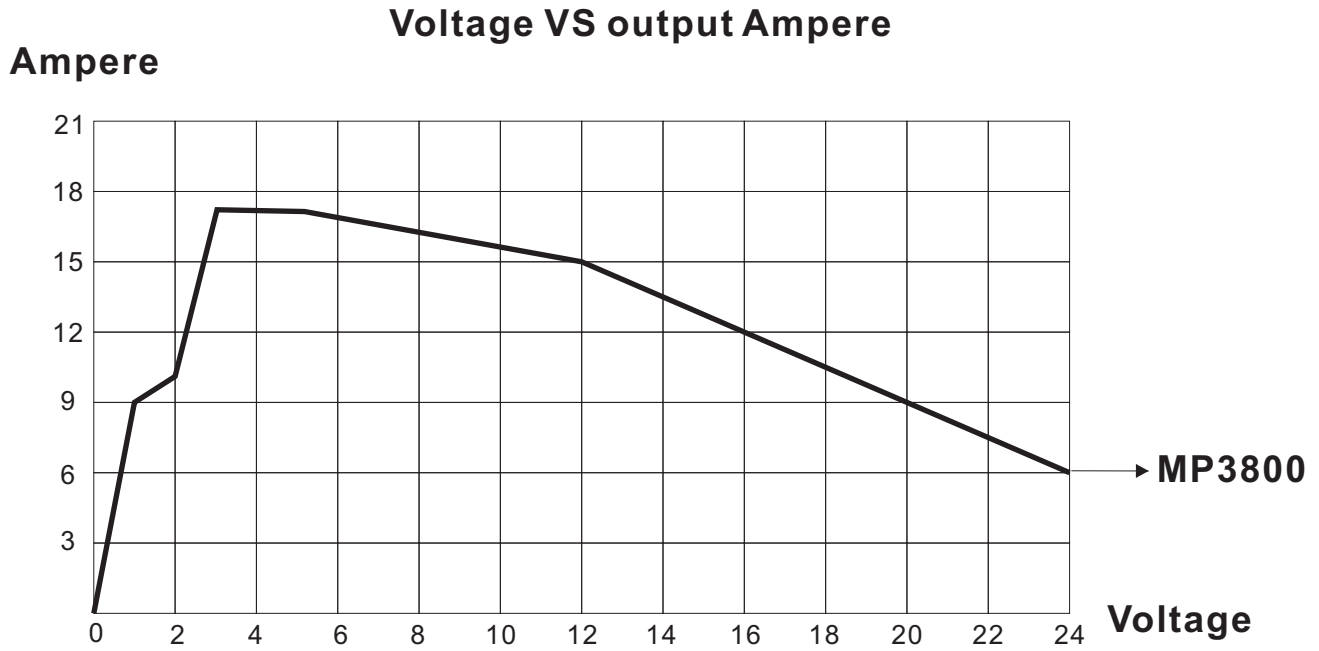
8 Output terminal: Positive polar of Dc output

9 Ac input socket: Ac 90v~120v or Ac 200v~240v

10 Power switch: Turn the unit on or off

Caution

- 1 This power supply is natively ground, always use the AC outlet with ground terminal.
- 2 Before replacing a fuse make sure you have unplug the Ac plug and never use unproperly fuse value.
- 3 Do not block the air convention slits to keep the efficient heat radiation.



Electus Distribution Pty Ltd.

320 Victoria Road, Rydalmere NSW 2116 Australia
Tel: 1300 738 555 Fax: 1300 738 500
www.electusdistribution.com.au