

C.M. TECHNOLOGY

Designed and Manufactured in Australia

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PRODUCT SHORTFORM


Rev. B

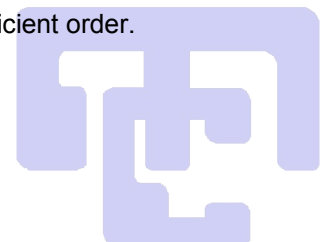
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230V AC TO 12V DC POWER SUPPLY WITH BATTERY MANAGER OPTION



PPS12

- A 13.8V 10A DC supply & 1.4A constant-voltage, constant-current charger for battery back-up applications.
- Low battery voltage disconnect to stop deep discharge of the battery backup.
- Schottky diode for instant power changeover.
- Under voltage lockout at <math><10.5V</math>, with 1.5V hysteresis.
- Reverse battery polarity protection is fitted.
- Rack mount or stand alone desktop mounting versions available.
- IEC fused & switched input connector. A spare fuse is included in the housing.
- AC input from DC to 400Hz, 110V $\pm 10\%$ AC input.
- 50 ms hold-up time (full load) & 60 Hz 110V input.
- Load & battery are separately fused by means of 15A blade fuses mounted on the back panel.
- Thermostatically controlled quality ball bearing fan to assist cooling.
- Thermal overload if mounting base temp. $> 75^{\circ}C$.
- At $20^{\circ}C$ ambient temp. & 11A load, fan is on 25% of the time. At ambient temp. $>40^{\circ}C$, fan is constantly on.
- Conversion efficiency $> 85\%$.
- AC On & Battery Disconnect warning LEDs fitted.
- System earth mounting bolt fitted to the back panel.
- Laser cut brushed stainless steel finish (optional black powder coated finish available).
- Custom extruded mounting base. Can be screened with your logo for a sufficient order.
- Regulation is $< 2\%$, 0-11A load, 110 V AC $\pm 10\%$ input variation.
- Ripple & noise is < 25 mV RMS in a bandwidth of 150 MHz.
- C-Tick marked.  Qualification to CE can be arranged.



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