



C.M. TECHNOLOGY


Designed and Manufactured in Australia

PRODUCT SHORT FORM

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PPS12 230v AC to 12v DC POWER SUPPLY WITH BATTERY MANAGER OPTION

- 13.8 volt 12 ampere DC supply with a 1.4 amp constant voltage constant current charger for a battery backed up application. Low battery voltage disconnect to stop deep discharge of the backup. Schottky diode for an instant power change over. Under voltage lockout at <10.5 volts, with 1.5 volts hysteresis. Reverse battery protection is fitted.
- Rack mount or stand alone desktop mounting versions.
- IEC fused and switched input connector. A spare fuse is included in the housing. AC input from DC to 400Hz., 175 to 280 V AC input . 50 ms hold up time at full load and a 50 Hz 230 V input
- Output is by means of separate 20 amp JST locking connectors for battery and load. Plugs are supplied.
- Load and battery are separately fused by means of standard 15 A automotive blade fuses mounted on the back panel.
- It uses a thermostatically controlled quality ball bearing fan to assist cooling, with a thermal overload if the mounting base exceeds 75 °C. At 20 °C ambient and 11 amps load , the fan is on about 25% of the time. If the ambient exceeds 40 °C the fan runs all the time. The conversion efficiency is better than 85%
- AC on and battery disconnect warning LEDS fitted.
- System earth mounting bolt fitted to the back panel.
- Laser cut brushed stainless steel finish (optional black powder coat). Custom extruded mounting base. Can be screened with your logo for a sufficient order.
- Regulation is < 2%, 0-11 amps load, 230 V ac +/- 10% input variation. The ripple and noise is <25 mV rms in a bandwidth of 150 Mhz.
- Ctick marked.  Qualification to CE can be arranged.



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