RBPS100

CONTINUOUS POWER

PORTABLE DC POWER SUPPLY - CONTINUOUS 100 AMP OUTPUT @ 14V OR 28V DC

PRODUCT DESCRIPTION

A compact, lightweight and highly portable power unit. Designed to give continuous high quality DC power for crew training, aircraft servicing in the workshop, on the ramp or in the field. This continuous power supply is ideal for diagnostic work, pre flight checks or for continuous powering of equipment during operations, without draining the onboard aircraft batteries. There is a range of built in safety features and the units are easy to use. This switchable unit will produce a steady 14.4 or 28.8 Volts up to the fully rated output current with power factor correction.

The power supplies are multi fan cooled with inbuilt thermal management for operation up to 50°C ambient environments. The safety features include over current and short circuit protection. The power modules conform to EMC standards for noise emissions and immunity. Delivered as standard this unit is supplied with a 2m heavy duty lead, fitted with a 3 pin NATO connector for direct aircraft connection. Other connectors including vehicle connectors are available.

FEATURES

- Direct connection to aircraft or land vehicle.
- Rugged steel case.
- Fan cooled.
- User switchable between 14V and 28V.
- Digital Voltmeter / Ammeter.

PROTECTION

- Overload.
- Over Voltage.
- Over Current.
- Short Circuit.

Safety & EMC (power modules)

- EN60950-1: 2006
- Emission – EN55022-B
- IEC 335-2-29

RBPS100 SPECIFICATIONS	
Output Current	100 amps
Output Voltage	14.4 or 28.8 VDC
Output Ripple	< 250 mV
Input Frequency	45 - 65 Hz
AC Input Supply	95V - 270V
Phase	1Ø
Power Factor Correction	Included
Input Rating	3500 VA
GENERAL	
Operating Temp	0° to +50° C.
Dims Body (cm)	(L) 52 x (W) 26 x (H) 11
Weight Kg	16Kg / (nominal)
Part Number	RBPS100
PLUG SELECTOR	
UK	240V 16A (STANDARD MAINS)
USA	220V 20A or 30A
Other Countries	Please state country when ordering

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