



LPA

Innovation Through Inspiration



RED BOX AVIATION

MODEL RBPS25 14/28V

Portable DC power supply with continuous 25 amp output

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 & 28V

PROTECTION

- Overload
- Over voltage
- Over current
- Short circuit

SAFETY & EMC

- EN 60950-1: 2006
- Emission - EN 55022-B
- IEC 335-2-29

PLUG SELECTOR

UK plug selector	240V 13 amp (standard mains)
USA plug selector	110V 15 amp (standard mains)
Other countries	Please state country when ordering



RBPS25 SPECIFICATION

Output current	25 amps
Output voltage	14.4V or 28.8VDC
Output ripple	<250 mV
Input frequency	45 to 65 Hz
AC input supply	95V to 270V
Phase	1Ø
Power factor correction	Included
Input rating	880 VA
Operating temperature	-0°C to +50°C
Dims body (cm)	L 30 x W 260 x H 11
Weight (KG)	6 kg / (nominal)
Part number	RBPS25