



MODEL PS100 14/28V

Portable DC power supply with continuous 100 amp output

The Red Box PS100 is a compact, lightweight and highly portable power unit. Designed to supply reliable continuous DC power for a wide range of aviation requirements, including crew training, and aircraft servicing. The PS is suited for diagnostic work, pre flight checks or for continuous powering of equipment during operations, without draining the onboard aircraft batteries. 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.



Key Features and Benefits

Direct connection to aircraft

Aircraft cable available from 2m to 6m

Lightweight aluminum case

RCD safety protection

Digital display with backlite – volts / amps / input status

Multi fan cooled – temperature controlled

Both input and output cables removable for easy storage

User switchable between 14V and 28V



PROTECTION

Overload
Over voltage / current limit
Over current
Short Circuit

SAFETY & EMC

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

PS100 SPECIFICATION

Output current	100 amps
Output voltage	14.4V or 28.8VDC
Output ripple	<150mV
Input frequency	47 to 63 Hz
AC Input Supply	104V-264V
Phase	1Ø
Power factor correction	Included
Input rating	6200VA
Dims body (cm)	L 51 x W 25 x H 22
Weight (KG)	11
Part Number	PS100

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



Specification may change without notice
REV-0-24-1



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