



MODEL PS25 14/28V

Portable DC power supply with continuous 25 amp output

The Red Box PS25 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

Rugged steel 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

Output overload

Over voltage / current limit

Over current

Short Circuit

SAFETY & EMC

EN 60950-1: 2006

Emission - EN 55022-B

IEC 335-2-29

PS25 SPECIFICATION

Output current 25 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 775VA

Dims body (cm) L 46 x W 13 x H 22

Weight (KG) 5

Part Number PS25

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



RED BOX
AVIATION

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



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