DATASHEET

LPA

MODEL RBSC600 28.8V

Portable DC power supply with continuous 600 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 continuouspowering 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 willproduce a steady 27.6 or 30 Volts up to the fully rated output current with power factorcorrection.

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 - standard 3M - extentions available on request
- Rugged steel case with handle/towbar options
- Trimmable valtage output for voltage sensitive aircraft
- Digital display with backlite – volts / amps / input status
- Automatic multi fan cooled, with green low power stanby mode
- Supplied with input cable to required length

RED BOX AVIATION

PROTECTION

Overload
Over voltage
Over current
30mA RCD
Thermal Management

SAFETY & EMC

EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-8
En 55011/ EN 55032
EN 61000-3-2 / EN 61000-3-3
IEC 62368-1/ IEC 60601

RBSC600 SPECIFICATION

Output current	600 amps
Output voltage	28.8VDC (trimmable on request)
Output ripple	<250mV
Input frequency	45 to 65 Hz
AC input supply	3 phase 200V to 460v L-L no neutral required (4 wire)
Phase	3Ø
Power factor correction	Included
Input rating	18800VA
Dims body (cm)	L131 x W66 x H61
Weight (KG)	155
Part number	RSBC600

RED BOX AVIATION

Specification may change without notice

REV-0-24-1

LPA

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