



RED BOX
INTERNATIONAL

MODEL **RBSC400**

PORTABLE DC POWER SUPPLY
400 AMP OUTPUT @ 28.8V DC (Trimmable on request)

A compact portable power unit. Designed to give continuous high quality DC power for crew training, aircraft servicing in workshops, on the ramp or in the field. This continuous high power model is ideal for diagnostic work, pre flight checks, charging the on board battery 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 simple to use. As standard the units will produce a steady 27.6 to 30 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; Internal AC Residual Current Protection, Overload 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 5m heavy duty lead, fitted with a 3 pin NATO connector for direct aircraft connection, but extra extension and alternative format connections are available.



FEATURES

- Direct connection to aircraft or land vehicle
- Aircraft Cable – Standard 5 metres – Extensions available on request
- Trimmable Voltage output for voltage sensitive aircraft
- Rugged Steel case with Handle / Towbar options
- Digital backlite LCD display for Voltage / Current and system status
- Automatic, multi-fan cooled – with “Green” low power standby mode
- Supplied with input cable to required length

SAFETY & EMC (Power modules)

EN61000-4-2	EN55011/EN55032
EN61000-4-3	EN61000-3-2 / EN61000-3-3
EN61000-4-4	IEC62368-1 / IEC60601
EN61000-4-5	
EN61000-4-6	
EN61000-4-8	

RBSC 400 Specifications

Output Current	400 amps
Output Voltage	28.8V DC (Trimble on request)
Output Ripple	<160 mV
Input Frequency	47 to 63 Hertz
AC Input Supply	3 Phase 200 to 500 V L-L No Neutral Required (4 Wire)
Phase	3Ø
Power Factor Correction	PF > 0.97
Input Rating	12,500 VA

General

Operating Temp	0° to +50° C.
Dims Body Trolley wheeled	960 x 570 x 520Hmm
Weight Kg	100kg
Part Number	RBSC400

PROTECTION

- **Overload.**
- **Over Voltage.**
- **Over Current.**
- **Short Circuit.**
- **30mA RCD.**
- **Thermal Management.**

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