



**RED BOX**  
INTERNATIONAL<sup>®</sup>

## MODEL RBSC150

### PORTABLE 28V DC POWER FOR WORKSHOP OR FIELD CONTINUOUS 150 AMP OUTPUT @ 28V DC



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 high power model 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 simple to use. As standard the units will produce a steady 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; 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 2m 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 available from 2m to 6 m.
- Rugged steel case.
- RCD safety protection.
- Pneumatic Wheels.
- Digital Voltmeter / Ammeter.
- System Status Display / Fault Codes.
- Multi fan cooled.
- Supplied with input cable to length required.

#### SPECIFICATION

- |                            |              |
|----------------------------|--------------|
| • Output current.          | 150 amps     |
| • Output voltage.          | 28.8 VDC     |
| • Output Ripple.           | <250 mV      |
| • Input Frequency.         | 45 - 65 Hz   |
| • AC input supply.         | 190V - 260 V |
| • Power factor correction. | Included     |
| • Input rating.            | 5250 VA      |

#### GENERAL

- |                              |                               |
|------------------------------|-------------------------------|
| • Operating temp.            | 0° to +50° C.                 |
| • Dims Body Trolley wheeled. | (W) 525 x (L) 780 x (H) 300mm |
| • Dims Body Case static      | (W) 530 x (L) 580 x (H) 330mm |
| • Weight.                    | 25 Kg / 35 kg (nominal)       |
| • Part number.               | RBSC150                       |

#### PROTECTION

- Overload.
- Over Voltage.
- Over Current.
- Short Circuit.
- 30mA RCD.
- Thermal Management (2 stage)

#### SAFETY & EMC (Power modules)

- EN 60950.
- IEC 335-2-29.
- Emission – EN 50081-1 EN 55014.
- Immunity – EN 50082-2 EN 55104.

#### OPTIONS

- Optional tow bar for wheeled version.