REDBOX
INTERNATIONAL

RBSC225

MODEL **RBSC**225

PORTABLE DC POWER SUPPLY
225 AMP OUTPUT @ 14V or 28V DC

A compact, lightweight and highly 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 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; 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 (wheeled version).*
- *Digital Voltmeter / Ammeter.*
- *System Status Display / Fault Codes.*
- *Multi fan cooled.*
- *Supplied with input cable to required length.*
- *User switchable between 14V and 28V*

SAFETY & EMC (Power modules)

- *EN 60950.*
- *IEC 335-2-29.*
- *Emission – EN 50081-1 EN 55014.*
- *Immunity – EN 50082-2 EN 55104.*
- *EMC Emissions - EN 55022-B*

PROTECTION

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

OPTIONS

- *Optional tow bar for wheeled version.*

RBSC225 Specifications	
Output Current	225 amps
Output Voltage	14.4 or 28.8 VDC
Output Ripple	<250 mV
Input Frequency	45 - 65 Hz
AC Input Supply	95V - 270 V
Phase	1Ø
Power Factor Correction	Included
Input Rating	7920 VA
General	
Operating Temp	0° to +50° C.
Dims Body Trolley wheeled	(L) 52 x (W) 78 x (H) 30
Dims Body Case static	(L) 53 x (W) 58 x (H) 33
Weight Kg	46kg/ 56kg (nominal)
Part Number	RBSC225

Plug Selector

	1Ph	2Ph
UK	240V 63A	3Ph 16A or 32A
USA	N/A	3Ph 30A with neutral
Other Countries	Please state country when ordering	Please state country when ordering

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