



## MODEL RBSC300 28.8V

### Portable DC power supply with continuous 300 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 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 easy to use. This switchable unit will produce a steady 27.6 or 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 over current and short circuit protection.



#### Key Features and Benefits

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Direct connection to aircraft

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Aircraft cable - standard 3M - extensions available on request

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Rugged steel case with handle/towbar options

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Trimable voltage output for voltage sensitive aircraft

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Digital display with backlite – volts / amps / input status

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Automatic multi fan cooled, with green low power stanby mode

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Supplied with input cable to required length

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## 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      |

## RBSC300 SPECIFICATION

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Output current          | 300 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-wires) |
| Phase                   | 3Ø                                                     |
| Power factor correction | Included                                               |
| Input rating            | 9400VA                                                 |
| Dims Body (cm)          | L83 x W66 x H61                                        |
| Weight (KG)             | 85                                                     |
| Part Number             | RSBC300                                                |



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



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