

...the broadest narrowband money can buy



## DC power supply

**DCC24** is a switched step-down converter, which converts DC voltage in the range 20-60 V on the input side to 13.8 V on the output side. The converter is highly efficient, generally 80 %.

The converter was primarily developed for applications where DC voltage is already available, e.g. for technology connected to RACOM modems.



### Typical areas of use

- **For supplying MORSE system components:** all types of radio modems, GPRS modem and other accessories in applications where **24 V** or **48 V** DC is available
- For separately supplying any equipment with **13.8 V** and consumption up to **2.5 A**

### Benefits

- **Resistance** to reversing the polarity of the input voltage
- **Protection against short-circuiting** at the output
- Soft start
- Minimum dimensions, assembly on to DIN rail
- Connecting terminals for conductors with a cross-section of up to 2.5 mm<sup>2</sup>

### Technical parameters

Nominal input voltage (DC)	24 V
Nominal input current	1.5 A
Maximum range of input voltages (DC)	20 – 60 V
Output voltage	13.8 V (±3 %)
Maximum output current	2.5 A
MTBF (mean time between failures)	> 100,000 hours
Range of operating temperatures	-25 °C to +55 °C
Dimensions	35 × 75 × 91 mm
Weight	0.08 kg

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