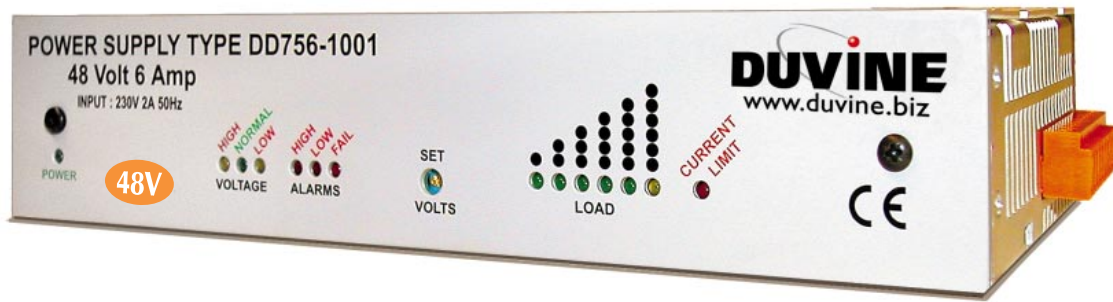


12V 24V 48V Power Module DD756

COMPACT
1U PACKAGE



The **DD756** is a *High Power Density* dc power supply module, and is housed in a 1U (44.45mm) high by 140mm deep 19" rack mount package.

The **DD756** will still only occupy 1U of rack space, even when fitted with an optional monitor/alarm module **DD754** or 8 way distribution rail **DD755**

Electrical

Input voltage: 230 Volts (186-265) single phase

Input frequency: 50 or 60 Hz $\pm 5\%$

Input current: 2 Amp maximum. Sinusoidal

Output voltage range, current limit & max power:

48V 48 - 60 Volt, 6 Amp, 330 Watt

24V 24 - 30 Volt, 9 Amp, 220 Watt

12V 12 - 15 Volt, 12 Amp, 165 Watt

Voltage regulation: 0.5% (Load and input change)

Output ripple: < 2mV Psophometric

Efficiency: > 90% at full load

Protective fuses:

Input: 3 Amp – internal

Alarms: High, low and rectifier fail

Contacts: Volt-free normally-closed contact

Indicators: Front panel LEDs

Mechanical

Size: 1U high x 140mm deep, 240mm wide
Can be supplied with 19" rack mounting brackets

Weight: 1kg

Level of protection: to IP20

Connections:

Mains input - lead with IEC plug (supplied)
DC output - H15 free socket (supplied)

Environmental

Temperature:

Operational: -10 to +60°C
Functional above +60°C (with auto-reset)
Shutdown at +85°C internal

Cooling: Natural convection

Relative humidity: 85% up to 30°C

Safety: Compliance with *Low voltage directive* **CE**

EMC: Compliance with *EMC directive* **CE**

Features

- **Temperature compensation:** with external sensor
- **Built in battery low voltage disconnect relay**
- **Battery test using DD754 monitor/alarm module**
- **Very high power density**
- **Unity Power Factor**



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