

**12V** Standby Power Supply **DD141** 12V 20A**Wall Mounting Standby PSU Featuring:**

- Telecomm Filtering
- 110/230 Volt AC Input
- Provision for internal 65 or 110 Ah SLA battery
- Temperature compensation
- Battery Low Voltage Disconnect
- Optional Metering ( V & I )
- Alarm Contact ( Mains fail, Output Hi & Lo )

**Electrical**

Input Voltage:	Selectable 110 or 230 Volt AC +6% -15% Single phase
Input Frequency:	50±2Hz
Input Current:	110 Volt input - 5 Amp 230 Volt input - 2.7 Amp
Output voltage:	13.8 Volt Float at 20°C
Output Current:	15 Amp Load
Current Limit:	20 Amp
Voltage Regulation:	±2%
Output Ripple:	<2mV Psophometric <10mV rms (10kHz-100MHz)
Efficiency:	>80% at 35% to Full load

**Protection**

Fuses:	Input - 5 Amp 20mm A/S Output - 16 Amp NIT Battery - 25 Amp NIT
DC fault:	Output overvoltage shutdown Output short circuit protection Current Limited
Battery:	Low Voltage Disconnect Temperature Compensation

**Alarms**

Contact:	Single normally closed <ul style="list-style-type: none"> <li>• Mains fail</li> <li>• DC Voltage High</li> <li>• DC Voltage Low</li> </ul>
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**Indicators**

Mains power:	Front panel neon indicator
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**Metering (optional):**

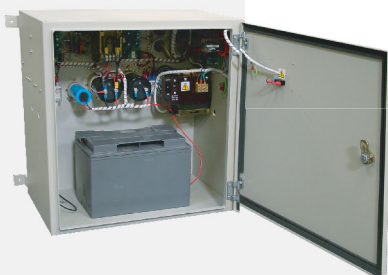
Type:	72mm square analogue.
Location:	Front Panel
Model:	DD141-1 No meters DD141-2 DC Volts & Current DD141-3 DC Volts

**Physical**

Construction:	Sheet steel wall mount enclosure Access door with double bit lock
Size:	500 mm high 500mm wide 350mm deep
Weight:	29kg without battery
Colour:	RAL 7032 (flint grey)
Level of Protection:	IP42

**Environmental**

Cooling:	Natural convection
Temperature:	-20 to +45°C Operating -25 to +60°C Transport/Storage. <i>Battery performance and life are temperature dependent. Refer to manufacturers data</i>
Relative humidity:	0 to 90% non condensing
Altitude:	to 3000 metres
Safety:	Compliant with Low Voltage Directive <b>CE</b>
EMC:	Compliant with EMC Directive. <b>CE</b>



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