

DA457

12V DC 8A 3U power supply
Within a 19" 3U Rack-mount enclosure

A rack mount power supply unit with output enable for fire panel interfacing, low voltage clean contacts, mains failure clean contacts and battery low voltage disconnect. The rack will house up to two 12Ah VRLA batteries.

Output											
Voltage	12V DC (13.7V)										
Current	<table border="1"> <thead> <tr> <th>DA457-1</th> <th>DA457-2</th> <th>DA457-4</th> <th>DA457-8</th> <th>DA457-16</th> </tr> </thead> <tbody> <tr> <td>1 x 8A</td> <td>2 x 4A</td> <td>4 x 2A</td> <td>8 x 1A</td> <td>16 x 500mA</td> </tr> </tbody> </table>	DA457-1	DA457-2	DA457-4	DA457-8	DA457-16	1 x 8A	2 x 4A	4 x 2A	8 x 1A	16 x 500mA
DA457-1	DA457-2	DA457-4	DA457-8	DA457-16							
1 x 8A	2 x 4A	4 x 2A	8 x 1A	16 x 500mA							
Connection type	PCB terminal block (2.5mm ²)										
Fused	20 x 5mm quick blow glass fuse rated to output current (e.g. DA457-2, 2 x 4A)										
Mains fail signalling contacts											
Contact configuration	Double pole change over (Approximately 30 second delay)										
Voltage	Maximum 30V DC										
Current	Maximum 5A										
Connection type	PCB terminal block (2.5mm ²)										
Battery low volts signalling contacts											
Contact configuration	Double pole change over										
Voltage	Maximum 30V DC										
Current	Maximum 5A										
Connection type	PCB terminal block (2.5mm ²)										
Input											
Voltage	Selectable 110V or 230V AC @ 50Hz (+/- 10%)										
Power consumption	< 143VA										
Connection type	C14 IEC connector (Kettle lead)										
Fused	6.3A Mains fuse (BS1362)										
Mains on indication	Neon lamp										
Environmental											
Operating temperature	-10°C to +40°C										
Storage temperature	-20°C to +50°C										
Operating relative humidity	Maximum 95% non-condensing										
Dimensions*											
Width	480mm (19" Rack-mount)										
Height	133mm (3U Deep rack-mount 5.25")										
Depth	480mm										
Weight	< 9.5Kg										
Enclosure material	Mild steel										
Finish	Powder coated black semi-gloss										
Other											
Estimated operations before failure (MTBF)	65,000 hours										
CE Approved	Yes										
Battery protection fuse	20 x 5mm 10A quick blow glass fuse										
Battery disconnect	Yes										

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Recommended battery size

Two 12V 12Ah VRLA

*(+/- 2mm)