

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	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 (2.5mm²)				
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 (2.5mm²)				
Battery low volts signalling contacts					
Contact configuration	Double pole change over				
Voltage	Maximum 30V DC				
Current	Maximum 5A				
Connection type	PCB terminal block (2.5mm²)				
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)