

DA458

24V DC 4A 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	24V DC (26V)			
Current	DA458-1	DA458-2	DA458-4	DA458-8
	1 x 4A	2 x 2A	4 x 1A	8 x 500mA
Connection type	PCB terminal block (2.5mm²)			
Fused	20 x 5mm quick blow glass fuse rated to output current (e.g. DA458-4, 4 x 1A)			
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	100V to 240V AC @ 50Hz (+/- 10%)			
Power consumption	< 125VA			
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)