

DA454

12V DC 8A Rack-mount power supplies with battery-backed outputs and optional fire status control

A dedicated 19" rack-mounting power supply designed, manufactured and tested in Great Britain. The product has a 12V DC 8A power supply with VRLA battery space in one 2U height enclosure. The controller power supply unit is intended for powering access controllers and readers totalling up to 8A. The product includes various features intended to ease and speed up installations such as removable terminal blocks and front access to VRLA battery. The enclosure will house a 12V VRLA battery of up to 7AH capacity.

Outputs	
Voltage	12V DC (13.7V)
Current	8 x 1A & 2 x 3A (Maximum total output 8A)
Connection type	Removable PCB terminal block (2.5mm²)
Fused	Automatic self resetting fuses
Output status indication	Green LED indication
Fire control	
+F	12V DC (13.7V)
+R	+5V < +30V DC = Fire switched outputs on < 5V DC = Fire switched outputs off
0V	If using an external power source for fire control, common 0V to this terminal.
Mains fail signalling contacts	
Contact configuration	Single pole change over (Approximately 30 < 60 second delay)
Voltage	Maximum 30V DC
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm²)
Battery low volts signalling contacts	
Contact configuration	Single pole change over (Battery at 10.5V change over)
Voltage	Maximum 30V DC
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm²)
Input	
Voltage	230V AC @ 50Hz (+/- 10%)
Power consumption	< 125VA (Approximate under full load)
Connection type	IEC C14 socket to accept IEC C13 connector ('Kettle style')
Fused	6.3A HRC 20 x 5 mm fuse
Mains on indication	Green LED indication
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")
Height	195mm (7 ½")
Depth	89mm (3 ½" or 2U)

The enclosed information is believed to be correct. Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E&OE. Registered Proprietor: Benham (General Engineers) Ltd (No. 1181752) Registered at 3 Galliford Road Industrial Estate, Heybridge, Maldon, Essex CM9 4XD, UK. Directors: R.A.Scott, K.E.Horwood, T.J.Scott, N.J.Scott. VAT Reg. GB 28276273 Tel:+44(0)1621 856 850 Fax:+44(0)1621 856 162 sales@dantech.uk.com

Data sheet



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Weight	< 4.2Kg
Enclosure material	Mild steel
Finish	Powder coated Black RAL9005
Other	
Estimated operations before failure (MTBF)	50,000 hours
CE Approved	Yes
Tamper switch	Yes
Recommended battery size	12V 7Ah VRLA

*(+/- 2mm)