

Data sheet

12V DC 8A or 24V DC 4A Power supply
Model: DA449



A power supply with either 1 x 8A 12V DC or 1 x 4A 24V DC output. The output voltage is changed by means of a simple selector plug. The unit can house and charge one or two VRLA batteries of up to 7Ah capacity. The unit has contacts for 'Mains Fail' monitoring, powering door access controllers, electric releases and mag-locks.

This unit also has a completely independent SPCO relay that can be driven from a 12V or 24V DC supply regardless of PCB selector position. A typical use for this relay would be for interfacing with a fire panel to de-power items such as mag-locks in the event of an emergency.

Output selected as 12V	
Voltage	12V DC (13.7V)
Current	1 x 8A
Connection type	PCB terminal block (2.5mm ²)
Fused	20 x 5mm 8A quick blow glass fuse
Output selected as 24V	
Voltage	24V DC
Current	1 x 4A
Connection type	PCB terminal block (2.5mm ²)
Fused	20 x 5mm 4A quick blow glass fuse
Switching contacts	
Relay channels	One
Contact configuration	Single pole change over
Voltage	Maximum 15V
Current	Maximum 0.5
Connection type	PCB terminal block (2.5mm ²)
Input	
Voltage	230V AC @ 50Hz (+/- 10%)
Power consumption	< 143VA
Connection type	10mm ² Internal terminal block (3 x 1.5mm ² or 2 x 2.5mm ²)
Fused	3A mains fuse
Mains on indicator	LED indication
Environmental	
Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing
Product dimensions	
Width	320mm*
Height	255mm*
Depth	90mm*
Weight	4.85Kg
Enclosure material	Mild Steel
Finish	Powder coated RAL 9016 (White)
Other	
Estimated mean time before failure (MTBF)	50,000 hours
CE Approved	Yes
Lid tamper switch	Yes
Fan cooled	Yes
Recommended battery size	(1 or 2) 7Ah VRLA

* = +/- 1mm

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