

DADPC

DIN Rail mount Power Centre
with monitoring, output control and battery support

DIN rail mounting power supplies available with 12V, 24V or 48V DC outputs up to 10A.

- Continuous & remote controlled outputs
- Battery back-up support
- Optional remote enable or disable of output power
- Clip-on multiple output PCB module available
- Confirm restart function – allows push to restart for Emergency Stop use.
- Start from battery power function
- Mains & low battery SPCO relay monitoring contacts
- Automatic deep discharge battery protection

Model	Power consumption	Output	Max current
DADPC1203	< 60VA	2 x 12V DC (13.7V)	3A
DADPC1205	< 80VA	2 x 12V DC (13.7V)	5A
DADPC1206	< 100VA	2 x 12V DC (13.7V)	6A
DADPC1210	< 160VA	2 x 12V DC (13.7V)	10A
DADPC2403	< 100VA	2 x 24V DC (27.4V)	3A
DADPC2405	< 160VA	2 x 24V DC (27.4V)	5A
DADPC2406	< 190VA	2 x 24V DC (27.4V)	6A
DADPC2410	< 315VA	2 x 24V DC (27.4V)	10A
DADPC4803	< 160VA	2 x 48V DC (54.8V)	3A
DADPC8WS	8 output splitter PCB module for use with DADPC units		

Mains input voltage	110V AC or 230V AC, <i>*some versions feature 90-270V AC auto ranging input, other models feature 110/230V AC selection switch</i>
Mains Input connection type	PCB terminal block (3.5mm ²)
Mains Input Fuse	Internal (non-replaceable, 2A time delay)
Mains on indication	Green LED indication
Output connection type	Removable PCB terminal block (2.5mm ²)
Output status indication	Green LED indication for O/P1 & O/P2
Mains fail signalling contacts	
Contact configuration	Single pole change over (<i>Approximately 30 < 60 second delay</i>)
Voltage	Maximum 30V DC
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm ²)
Battery low volts signalling contacts	
Contact configuration	Single pole change over
Voltage	Maximum 30V DC
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm ²)

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Environmental

Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing

Dimensions*

Note: This unit has a movable din rail mounting clip. This clip is 8mm in depth, this is not included within these dimensions.

Width	125mm (+8mm for side mounting)
Height	222mm (+8mm for rear mounting)
Depth	87mm (+8mm for back mounting)
Weight	< 2.1Kg
Enclosure material	Zintec: Cold rolled mild steel electrolytically coated with Zinc
Finish	Electrolytically coated with Zinc (Matt grey)

Other

Estimated time before failure (MTBF)	100,000 hours
CE Approved	Yes
Recommended battery size	12V 7Ah VRLA - 2x 12V VRLA in series for 24V models - 4x 12V VRLA in series for 48V models

Note: This unit must be earthed.

*(+/- 2mm)