



CDVI

13.8V dc & 27.6V dc Switch Mode PSU Series

Product Overview

The CDVI Range of switch mode power supplies are ideal for access control and general applications requiring standby battery capability. The units have a regulated highly stable output supplying full rated current to load and a universal mains voltage input range (90 to 264V ac).

Advantages of Switch Mode Technology

CDVI products using switch mode technology are typically 80-87% efficient. This can save your customers money by reducing their power bills and carbon footprint.

Switch mode technology also makes for more reliable products in the field as they are less likely to overheat.

Features

- 13.8V dc output (PSU12 Range)
- 27.6V dc output (PSU24 Range)
- 90 to 264V ac input range
- Cost effective switch mode technology
- Energy efficient:
 - More efficient in operation
 - Saves power so reducing power bills
 - Longer life in the field
 - Less prone to failure
- Full current to load plus additional current to charge standby battery
- Mains and battery monitoring
- LED status indicators (Mains and Fault)
- Mains transient protection
- Electronic overload protection
- Lid tamper

Technical Information

Rated voltage 100 - 240V ac
 Operational voltage 90 - 264V ac
 Output PSU12 Models: 13.8V dc
 PSU24 Models: 27.6V dc
 Maximum current see table above
 Operating temperature -10°C to 40°C at 75% RH



PSU12-3SM & PSU12-3LSM

Part Numbers

Part No	Amp Rating	Box Size (mm) H x W x D	Weight (Kg)	Will Fit Battery Size
PSU12-1SM	1.0A	200 x 230 x 80	2.0	1 x 12V 7Ah
PSU12-2SM	2.0A	200 x 230 x 80	2.0	
PSU12-3SM	3.0A	200 x 230 x 80	2.0	
PSU12-1LSM	1.0A	330 x 355 x 80	3.9	1 x 12V 17Ah
PSU12-2LSM	2.0A	330 x 355 x 80	3.9	
PSU12-3LSM	3.0A	330 x 355 x 80	3.9	
PSU12-4LSM	4.0A	330 x 355 x 80	4.3	
PSU12-5LSM	5.0A	330 x 355 x 80	4.3	
PSU24-1SM	1.0A	275 x 330 x 80	3.1	2 x 12V 7Ah
PSU24-2SM	2.0A	275 x 330 x 80	3.2	
PSU24-3SM	3.0A	275 x 330 x 80	3.3	
PSU24-5SM	5.0A	275 x 330 x 80	3.3	

Approvals
CE mark

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