

OPEN POWER SUPPLY



The OPS 12V/24V DC UPS Battery Charger System has been designed to be compact and extremely efficient. Manufactured for back-up applications in industrial, telecoms, security and access control markets. These units are built as a standalone power supply or to be connected to a lead acid battery to operate as a DC UPS.

Features

- Extremely compact and efficient (small footprint)
- 1.2A charger able to charge up to 4 x 12V 7AH batteries
- Mains fail relay contact and LED
- Low battery relay contact and LED
- Reverse polarity protection on battery terminal
- Australian 10A plug on input

Specifications

Model	OPS-12V-8A	OPS-24V-4A
Output Voltage	12V/13.8 VDC User adjustable	24V/27.5 VDC User adjustable
Output Current	8.5A	4.25A
Input Voltage	240VAC±20% / 50Hz	
Input	10A Australian plug	
Low Battery Cut Off	10 V	20 V
Battery Charger	13.8VDC/1.2A	27.5VDC/0.6A
Low Battery Signal	11V±0.5V Relay contact & Red LED	22V±0.5V Relay contact & Red LED
AC Fail Signal	Relay contact & Red LED	
Weight	1.2Kg	
Dimensions	260*130*60mm	
Efficiency	86% @ rated load	
Overload Protection	Constant current limiting, short circuit shutdown, auto recovery	
Load Regulation	< 1% across full range	
Line Regulation	< 0.2%	
Output Ripple	< 50mVp-p @ full load	
Working Temp	0-50°C	

Run Chart with Battery

Model \ Load	8A/96W	4A/48W	2A/24W	1A/12W
OPS-12V-8A (Battery 1 x 7Ah/12V)	27 min	44 min	91 min	183 min
OPS-12V-8A (Battery 2 x 7Ah/12V)	54 min	88 min	182 min	366 min
OPS-12V-8A (Battery 3 x 7Ah/12V)	108 min	176 min	364 min	732 min
OPS-12V-8A (Battery 4 x 7Ah/12V)	216 min	352 min	728 min	1464 min
OPS-24V-4A (Battery 2 x 7Ah/12V)	/	44 min	91 min	183 min
OPS-24V-4A (Battery 4 x 7Ah/12V)	/	176 min	364 min	732 min

