

**Altronix®****OLS180220****Off-line Switching Power Supply/Charger**

Rev. DSOLS180220_08252015



OLS180220

Overview

OLS180220 power supply/charger converts a 220VAC (working range 198VAC-256VAC), 50/60Hz input into a 12VDC or 24VDC output @ 6 amp continuous supply current (see specifications). This unit has a wide range of applications for access control and security system accessories that require additional power.

Specifications**Input:**

- 220VAC (working range 198VAC-256VAC), 50/60Hz, 0.8 amp.

Output:

- 12VDC or 24VDC selectable output.
- 6 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.5 amp.

Supervision:

- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: - 20° C to 49° C ambient.
- BTU/Hr.:
 - 12VDC: 35.85 BTU/Hr.
 - 24VDC: 71.7 BTU/Hr.
- System AC input VA requirement: 176VA.

Features:

- Power ON/OFF switch.
- Includes battery leads.

Mechanical:

- Product weight (approx.): 0.9 lbs. (0.4kg).
- Shipping weight (approx.): 1.1 lbs. (0.5 kg).

Board Dimensions (W x L x H approximate):

4.5" x 7.25" x 1.79" (114.3mm x 184.15mm x 45.466mm)

