



OLS120D2

Overview

OLS120D2 power supply/charger converts a 115VAC, 50/60Hz or 230VAC, 50/60Hz input to a 12VDC and 24VDC outputs (see specifications). This unit has a wide range of applications for access control and security system accessories that require additional power.

Specifications

Input:

- Universal input 115VAC, 50/60Hz, 0.95 amp or 230VAC, 50/60Hz, 0.6 amp.

Output:

- DC1 - 12 or 24VDC @ 3 amp. and DC2 - 12VDC @ 1 amp.
- Note:** If DC2 is not used, DC1 rating is 12VDC or 24VDC rated @ 4 amp max.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries. Two (2) 12VDC batteries connected in series are required.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.7 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: 6.14 BTU/Hr.
 - 24VDC: 24.57 BTU/Hr.
- System AC input VA requirement:
 - 115VAC: 109.25VA.
 - 230VAC: 138VA.

Features:

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

Mechanical:

- Product weight (approx.): 0.7 lbs. (0.32 kg).
- Shipping weight (approx.): 0.9 lbs. (0.4 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)

