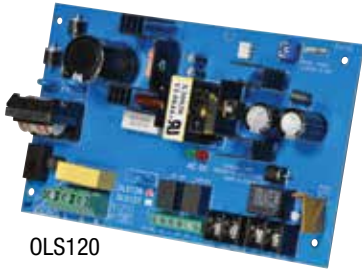


# OLS120

## Off-line Switching Power Supply/Charger

Rev. DSOLS120D\_06052013



OLS120

### Overview

OLS120 power supply/charger converts 115VAC, 60Hz or 230VAC, 50Hz input into a 12VDC or 24VDC @ 4 amp of continuous supply current (see specifications). This general purpose power supply 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:

- 12VDC or 24VDC selectable output.
- 4 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 0.7 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:  $-20^{\circ}\text{C}$  to  $49^{\circ}\text{C}$  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. (0.41 kg).

### Board Dimensions (W x L x H approximate):

4.5" x 7.25" x 1.75" (114.3mm x 184.1mm x 44.45mm)

