



DPS1

Overview

DPS1 converts a low voltage AC input into 6VDC, 12VDC or 24VDC output. These general purpose power supplies have a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:

- 6VDC or 12VDC output use TP1640 or 24VDC output use T2428100.

Output:

- 6VDC, 12VDC or 24VDC selectable output.
- 1.2 amp continuous supply current at 6VDC-12VDC. 750mA continuous supply current at 24VDC.
- 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 0.3 amp.
- Battery short circuit protection (circuit breaker).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: -20°C to 49°C ambient.
- BTU/Hr.:
 - 6VDC: 3.69 BTU/Hr.
 - 12VDC: 7.38 BTU/Hr.
 - 24VDC: 9.21 BTU/Hr.
- System AC input VA requirement:
 - 6VDC: 220VA; 12VDC: 330VA; 24VDC: 960VA.

Features:

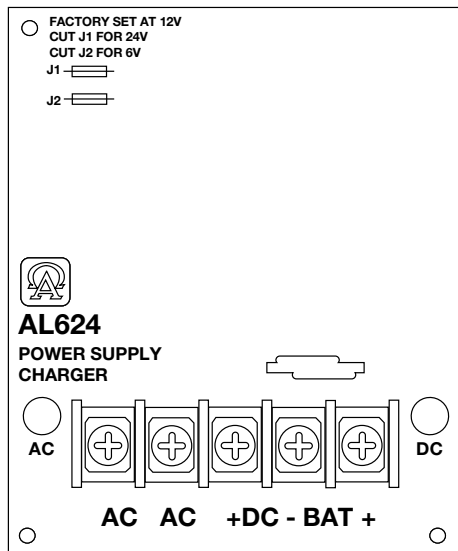
- Extremely compact design.
- Includes battery leads.
- Snap Track compatible (order Altronix model number ST3).

Mechanical:

- Board Dimensions (L x W x H approx.): 3" (76.2mm) x 2.5" (63.5mm) x 1.5" (38.1mm).
- Product weight (approx.): 0.2 lbs. (0.09 kg).
- Shipping weight (approx.): 0.3 lbs. (0.14 kg).

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

3" (76.2mm) x 2.5" (63.5mm) x 1.5" (38.1mm)



ST3 Mechanical Drawing

