



PM212

Overview

PM212 is a supervised linear power supply/charger that converts a low voltage “AC” input to a filtered and regulated continuous power limited output.

Specifications

Input:

- Transformer requirements:
 - 16VAC/20VA for 12VDC output (Altronix Model # TP1620).

Output:

- 12VDC output.
- 1 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 (zero voltage drop).
- Maximum charge current 0.2 amp.

Supervision:

- AC fail supervision (form “C” contacts).
- Low battery supervision (form “C” contacts).
- Battery presence supervision (form “C” contacts).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: 0° C to 49° C ambient.
- 6.14 BTU/Hr.

Mechanical:

- Product weight (approx.): 1.1 lbs. (0.5 kg).
- Shipping weight (approx.): 1.3 lbs. (0.59 kg).

Board Dimensions (approximate)

5.25" (133.35mm) L x 2.75" (69.85mm) W x 1.5" (38.1mm) H

