



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).

#### 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.): 0.2 lbs. (0.09 kg).
- Shipping weight (approx.): 0.25 lbs. (0.11 kg).

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

2.75" x 5.25" x 1.5" (69.85mm x 133.35mm x 38.1mm)

