

PMD100 Low Cost BATTERY CHARGER

NiCd



FEATURES

- **ULTRA LOW-COST DESIGN OPTIONS**
- **USEABLE ANYWHERE IN THE WORLD**
- **CONSTANT CURRENT**
- **POWER GOOD INDICATION**

DESCRIPTION

The PMD100 is an inexpensive battery charger intended for use in applications where low cost is the primary consideration. The charger supplies a constant current which

can be preset at any level including trickle charge. Charging begins as soon as the battery is inserted. The physical aspects of the charger can be established to accept

almost any battery pack available.

Input power to the PMD100 is supplied by an external AC/DC converter which is commercially available. Selecting one which has the appropriate safety certifications, UL, CSA etc., is an easy way of establishing compliance. A single colored LED illuminates when charging begins.

User instructions can be included with the charger making

it ideal for use with consumer electronics. Various packaging options are available including plastic shrink wrapping which is frequently used when including the charger along with other accessory products.

Options such as time limits and temperature limits can be incorporated to improve performance and battery safety at the customer's request.

ELECTRICAL SPECIFICATIONS

Specifications typical at T_A = +25°C, nominal rated voltage, rated output current unless otherwise specified.

PARAMETER	CONDITIONS	MIN	TYPICAL	MAX	UNITS
CHARGE Charge Rate			C/10		
INPUT Voltage Range			12		V _{DC}
TEMPERATURE Operating Storage		+5 -40		+45 +85	°C °C

Consult the factory for other options and customized parts.

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