

C~CAN



The RLW series are highly reliable chargers designed for today's demanding signalling applications.

Features

Ease of Installation - Compact and light weight with accessible A.A.R. terminals.

Ease of Use – Operating and Alarm points set up through easy to understand menu on 4 line OLED display and 4 button keypad.

Application Flexibility – Can be used as a power supply or as a charger for 1-8 Lead Acid cells or 1-12 Nicad cells from 10 to 18VDC.

Temperature Compensation – Automatically set by cell chemistry. User adjustable for advanced setup.

Related Products



RAILWAY Power Systems **Signaling Applications** [12VDC]

RLW 12/600

Specifications

MODEL CAPACITY AND RATINGS:

600 Watts continuous, 60A maximum at 10VDC.
120/240VAC input selectable.

PROTECTION:

Input fusing and output breaker. Input transient suppression, output electronic current limit to 100% of rated capacity.

EXTERNAL INDICATIONS:

AC 'ON', Current Limit, general fault, thermistor fail.

CONTROLS:

OLED Display, front panel programming of cell configuration, voltage, equalize and alarms.

ALARM CONTACT:

Form 'C' for normally open or normally closed indication. (Front, Heel and Back)

Triggered by – rectifier fail, thermistor fail or AC power off.

WARRANTY:

Comprehensive 24 month.

User Programmable Current Limit - allows a lower maximum current limit, protecting smaller batteries from over-current damage.

Power Management – Automatically adjusts the current limit to maintain safe operating conditions and allows more current to be available to re-charge a depleted battery. Up to 60A at 10VDC.

Isolated USB Port – Allows user to safely view detailed setups.

- Communication power systems.
- Battery systems.
- Track switching power systems.

C~CAN **Technical** Data

Model

RAILWAY Power Systems
Signaling Applications [12VDC]

RLW12/600

Input

Voltage:	120/240VAC switch selectable
Phase	Single
Frequency:	50/60 Hz
Protection:	Fuse
Efficiency (50%-100% load):	>80%

Output

Voltage:	Field adjustable 10-18VDC in 0.01V increments
Temperature Compensation:	Auto configuring based on cell chemistry
Current (Maximum):	60 Amps
Power (Maximum):	600 Watts
Line Regulation:	0.1% for +/-10%
Load Regulation (0-100%):	+/-1%
Protection:	Circuit Breaker

Physical

Dimensions (HxWxD) Inches:	15.5H x 8W x 4.5D
Temperature - Operating:	-40 to +70 deg C
Cabinet Type:	Wall mount, option rack mount bracket
Weight:	12 lbs

Connections

Input & Output:	A.A.R.(12-24) binding post
Alarm:	Plug in
Battery Temperature Sensor:	Plug in

Real time status (On screen) Alarm reporting (on screen) Controls & Adjustments

DC output voltage	DC low voltage	Float voltage adjustment
DC output current	DC high voltage	Equalize voltage adjustment
Battery temperature	Battery low temperature	Equalize duration (0-24 h)
Ambient temperature	Battery high temperature	Temperature compensation
Alarm status	Output breaker open	Cell configuration

All alarm pick-up & drop-off points are user adjustable and password protected.

Codes and Standards

All equipment is designed, manufactured and tested in accordance with CSA C22.2 No. 107.1. In addition, the equipment is designed in accordance with the applicable EEMAC, ANSI, IEEE, NEMA and AREMA Standards.

Specifications subject to change without notice.

ISO 9001:2008 Registered

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