



RAILWAY Power Systems Switching Applications [125VDC]



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

RLW 125M Intelligent Power

Specifications

INPUT:

Automatic input voltage sensing 100VAC - 265VAC. Power factor corrected.

PROTECTION:

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

STATUS & CONTROLS:

LCD display of Volts, Amps, Charger status and Alarms. (see reverse for monitor details)

ALARM CONTACT:

All alarm pick-up & drop-off points are user adjustable and password protected. Form 'C' for normally open or normally closed indication. (Front, Heel and Back)

WARRANTY:

Comprehensive 12 month.

Features

- **Large backlit LCD** – display provides the rectifier status at a glance.
- **Easy configuration** – Alarms and control setting come factory set to customer specifications and easy modified through front panel menu system. Automatic input voltage detection.
- **Ease of installation** - Fully covered front accessible terminals.

Related Products



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

Model

RAILWAY Power Systems Inc.

RLW125M

Switching Applications [125VDC]

Input

Voltage:	100-265VAC
Phase	Single
Frequency:	47-63 Hz
Power Factor:	.99%

Output

Voltage:	125VDC nominal
Current:	25 Amps @ 240VAC
Power:	3500 Watts
Line Regulation:	.1% for +/-10%
Load Regulation (0-100%):	+/-1%

Physical

Dimensions (HxWxD) Inches:	16H x 14W x 6D
Temperature - Operating:	-40 to +70 deg C
Cabinet Type:	Wall or Rack mount
Weight:	40 lbs

Connections

Input & Output:	Terminal block
Alarm:	Terminal block
Battery Temperature Sensor:	Terminal block
Communication port	USB

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 (0-255 h)
Ambient temperature	Battery high temperature	Temperature compensation
Alarm status	Output breaker open	

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

Codes and Standards

All equipment is designed, manufactured and tested to 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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