



RAILWAY *Power Systems*
Signaling Applications [12VDC]



RLW 200 SERIES

Specifications

MODEL CAPACITIES:

Standard configurations of 7.5A, 20A, 30A, and 40A.

PROTECTION:

Input and Output fuses. Input transient suppression, output electronic current limit to 100%.

STATUS & CONTROLS:

Current Limit, rectifier fail, thermistor fail. Battery type selection switch. 115/230VAC input selector switch.

REMOTE MONITORING:

Status monitoring using common form 'C' contacts.

WARRANTY:

Comprehensive 12 month.

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

Features

- **Dual input** - 120/230VAC.
- **Automatic operation** - No maintenance required.
- **Temperature compensation** - Nickel Cadmium and Lead Acid battery temperature compensation for extended battery life.
- **Ease of installation** - Full front accessible A.A.R. terminals.



Modular component plate with point to point wiring.

Related Products



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

Model				
RAILWAY <small>Power Systems</small> <i>Signaling Applications</i> [12VDC]	RLW201	RLW202	RLW203	RLW204
Input				
Voltage:	120/230VAC	120/230VAC	120/230VAC	120/230VAC
Phase	Single	Single	Single	Single
Frequency:	60 Hz	60 Hz	60 Hz	60 Hz
Efficiency (50%-100% load):	>75%	>75%	>75%	>75%
Output				
Voltage: (@ 20 deg C)	14.7V	14.7V	14.7V	14.7V
Current:	7.5 Amps	20 Amps	30 Amps	40 Amps
Power:	110 Watts	294 Watts	441 Watts	580 Watts
Line Regulation:	.1% for +/-10%	.1% for +/-10%	.1% for +/-10%	.1% for +/-10%
Load Regulation:	+/-1%	+/-1%	+/-1%	+/-1%
Physical				
Dimensions (WxDxH) Inches:	7.25x5.5x10.5	11.75x7.75x13	11.75x7.75x13	20x9x24
Temp. - Operating: (deg C)	0-50	0-50	0-50	0-50
Temp. - Storage: (deg C)	-40 to +80	-40 to +80	-40 to +80	-40 to +80
Cabinet Type:	Wall mount	Wall mount	Wall mount	Wall mount
Rectifier Designation:	SCR	SCR	SCR	SCR
Connections				
Input:	A.A.R.	A.A.R.	A.A.R.	A.A.R.
Output:	A.A.R.	A.A.R.	A.A.R.	A.A.R.



ISO 9001 Registered

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