

# ERB-C BATTERY CHARGERS



## Advanced, Flexible Feature Set - Fully Programmable

### Wide Output Voltage & Current Ranges

### Microprocessor

### Communication & Remote Control

### Self Diagnostics

### Field Proven

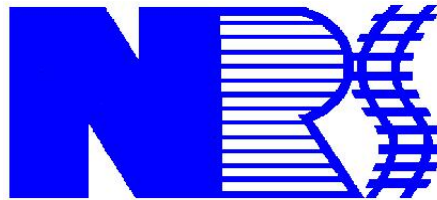
### Made in the USA

- Dual AC input voltages - 115/230 Vac, 50/60 or 60/100 Hz
- Proven SCR technology - constant voltage and constant current charge control with excellent AC line regulation and precise control
- Filtered DC output
- Microprocessor control provides an advanced feature set, such as AC power fault monitoring and recording
- Full programmability makes the charger highly flexible
- Programmable DC float voltage and output current with wide ranges
- Flexible battery types - Valve Regulated Lead-Acid (VRLA), Flooded/Vented Lead-Acid, Nickel-Cadmium (Ni-Cd)
- Programmable battery temperature compensation and limits
- Sample-and-hold capability automatically compensates for DC cable voltage drop
- Remote voltage sensing capability on select models for increased battery voltage accuracy
- LED display for voltage, current, and temperature
- RS-232 serial communication to locally or remotely monitor, operate, or program a charger, with programmable password protection
- Self diagnostics detect both charger and battery issues
- Transient protection - AC input and DC output surge suppression
- Natural convection cooled
- Wide operating temperature range of -40 °C to +71 °C



# SPECIFICATIONS

MODEL	AC INPUT			DC REGULATION		NO. OF CELLS Lead Acid Nickel Cadmium	PHYSICAL SIZE	
	Voltage (Volts)	Frequency (Hertz)	Current (Amps at full power)	Voltage Range	Current Limited		Size (Inches)	Weight (lbs.)
ERB-C 12/20 Item 16620	115(100-128) 230(200-256)	50/60 50/60	5.6 2.8	1-20 V	1-20 A	1-8 LA 1-12 NiCad	11.68 W 8.50 D 9.75 H	31.8
ERB-C 12/201 Item 16625	115(100-128) 230(200-256)	60/100	5.2 2.6	1-20 V	1-20 A	1-8 LA 1-12 NiCad	11.68 W 8.50 D 9.75 H	26.2
ERB-C 12/40 Item 16630	115(100-128) 230(200-256)	50/60 50/60	12.4 6.2	1-20 V	1-40 A	1-8 LA 1-12 Ni Cad	17.75 W 8.50 D 9.75 H	48.0
ERB-C 12/501 Item 16640	115(100-128) 230(200-256)	60/100	14.6 7.8	1-20 V	1-50 A	1-8 LA 1-12 NiCad	17.75 W 8.50 D 9.75 H	42.2
ERB-C 24/30 Item 16635	115(100-128) 230(200-256)	50/60/100 50/60/100	16 8	10-36 V	1-30 A	5-15 LA 7-24 NiCad	17.75 W 8.50 D 9.75 H	55.2
ERB-C 23/301 Item 16645	115(100-128) 230(200-256)	60/100 60/100	16.5 8.25	10-36 V	1-30 A	5-15LA 7-24 NiCad	17.75 W 8.50 D 9.75 H	44.3



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