

# ELC BATTERY CHARGERS



Constant Voltage / Current · Temperature Compensated · Alarm Options

## Industry Leading

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## Cost Effective

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## Field Proven

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## Wide Variety of DC Output Options

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## Made in the USA



National Railway Supply | 1.800.357.3572 | nrsga.com

- Dual AC input voltages - 115/230 Vac, 50/60/100 Hz
- Proven SCR technology - constant voltage and constant current charge control with excellent AC line regulation and precise control
- Selectable DC float voltage - battery float voltage can be precisely set and is highly accurate
- Flexible battery types - Valve Regulated Lead-Acid (VRLA), Flooded/Vented Lead-Acid, Nickel-Cadmium (NiCd)
- Battery temperature compensation with controlled limits
- Filtered DC output
- Optional integrated current or current/voltage monitor/alarm with Form C, dry contact relay(s)
- DC output ammeter
- LED status indicators
- Transient protection - AC input and DC output surge suppression
- Natural convection cooled
- Wide operating temperature range of -40 °C to +71 °C
- Meets or exceeds all AREMA specifications

# SPECIFICATIONS

MODEL	AC INPUT			DC OUTPUT		NO. OF CELLS Lead Acid Nickel Cadmium	PHYSICAL SIZE		CURRENT MONITOR/ ALARM (M) OPTION *	CURRENT & VOLTAGE MONITOR/ ALARM (CVM) OPTION *	ENHANCED DC OUTPUT FILTERING (F) OPTION *	
	Voltage (Volts)	Frequency (Hertz)	Current (Amps at full power)	Voltage Range	Current Limited		Size (Inches)					Weight (lbs.)
ELC 12/10	115(108-128) 230(216-256)	50/60/100 50/60/100	3.5 1.7	10-17	10A	5-7 LA 7-11 NiCad	12.00 W 12.00 D 5.20 H		22	✓	--	--
ELC 12/20	115(108-128) 230(216-256)	50/60/100 50/60/100	6 3	10-17	20A	5-7 LA 7-11 NiCad	<i>Standard</i> 14.25 W 9.00 D 8.75 H	<i>CVM Option</i> 20.00 W 9.00 D 10.25 H	30	✓	✓	✓
ELC 12/40	115(108-128) 230(216-256)	50/60/100 50/60/100	12 6	10-17	40A	5-7 LA 7-11 NiCad	20.00 W 9.00 D 10.250 H		57	✓	✓	--
ELC 12/60	115(108-128) 230(216-256)	50/60/100 50/60/100	17 9	10-17	60A	5-7 LA 7-11 NiCad	19.50 W 12.75 D 12.75 H		73	--	✓	--
ELC 24/10	115(108-128) 230(216-256)	50/60/100 50/60/100	7 3.5	20-35	10A	8-14 LA 13-23 NiCad	14.25 W 9.25 D 8.75 H		30	✓	--	--
ELC 24/30	115(108-128) 230(216-256)	50/60 50/60	16 8	20-35	30A	8-14 LA 13-23 NiCad	20.00 W 9.00 D 10.25 H		58	✓	✓	--
ELC 120/6	115(108-128) 230(216-256)	50/60/100 50/60/100	13.5 7	100-150	6A	40-60 LA 60-92 NiCad	20.00 W 8.70 D 10.25 H		75	--	--	--
ELC 120/12	115(108-128) 230(216-256)	50/60 50/60	28 14	100-150	12A	40-60 LA 60-92 NiCad	19.50 W 12.50 D 12.75 H		100	--	--	--

\* Contact us for option availability with other models.



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