

E-Series Industrial Battery Chargers

Charger Features

- 12, 24, 36, and 48 VDC models
- Proven Lester Electrical reliability
- Convection cooled with no moving parts
- SCR technology
- Advanced microprocessor control
 - Precise charging and termination algorithms
- Wet, AGM, and Gel charge profiles
 - Field selectable
- Storage/refresh mode
- Encapsulated controller
 - Protects against moisture and corrosion
- Ammeter
- Charger protection
 - Voltage mismatch, reverse polarity, short circuit
- UL listed and CSA certified
- Made in the USA

Cost-Effective Charging

E-Series are cost-effective SCR industrial battery chargers. They are ideal for use in both specialized applications, such as golf, floor care, industrial vehicles, and aerial work platforms, and general-purpose charging applications.

Reliable and Durable

The E-Series product line continues the tradition of proven Lester Electrical reliability. The case is heavy gauge and powder coated. The efficient convection-cooled design offers optimal heat dissipation without the need for a cooling fan, which further enhances reliability. E-Series battery chargers are made in the USA and tested to UL and CSA standards.



Optimum Battery Capacity and Life

An advanced microprocessor controller is featured in E-Series battery chargers. Precise Lester Electrical charging and termination algorithms prevent both undercharging and overcharging, optimizing both daily battery capacity and overall battery life.

Wet, AGM, or Gel Lead-Acid Batteries

The E-Series product line can be ordered configured for Wet, AGM, or Gel lead-acid batteries. An internal jumper can be used to select between the primary and secondary charge profile in the field.

Storage/Refresh Mode

E-Series battery chargers are designed to remain connected to batteries with the AC power on when equipment is not in use. The chargers will periodically provide a special refresh and conditioning charge to the batteries during long-term storage to overcome battery self discharge and reduce sulfation.

Encapsulated Controller

The E-Series controller is completely encapsulated in a protective material. This protects the electronics from moisture and corrosion.

Customizations and Private Branding

Lester Electrical offers customized chargers tailored for specific applications and customers. Charge profiles (software), DC and AC connectors and cables, private labeling, and documentation are just a few of our capabilities.



E-Series Industrial Battery Chargers

DC Output Volts	DC Output Amps	Amp-Hour Rating, C ₂₀ Rate (12 Hrs)	Model Number	AC Input Amps	Shipping Weight, Approx (Lbs)
12	25	150-305	27070	5	28
24	21	130-225	26010	8.5	34
24	25	150-305	26040	9.5	37
36	21	130-225	25970	11.5	37
36	25	150-305	25940	13.5	39
48	17	105-210	26070	11.5	39

SPECIFICATIONS

AC Input Ratings

Voltage (nom)	120 VAC
Frequency (nom)	60 Hz
Phase	Single-phase
Current	See model table
Protection	AC breaker

AC Input Tolerances

Voltage	110-132 VAC (charge times increase at lower AC voltages)
Frequency	57-63 Hz

DC Output Ratings

Voltage (nom)	See model table
Start current (nom)	See model table
Battery types	Wet, AGM, or Gel lead-acid (field selectable between two via internal jumper)
Protection	Electronic protection and DC fuse

Indicator

DC output amps	Ammeter
----------------	---------

Mechanical

Dimensions (WxHxD)	8.69 x 9.38 x 11.00 in (221 x 239 x 280 mm)
Shipping weight (approx)	See model table
Case material	Powder-coated steel
AC cable length (min)	6 ft (1.82m)
AC connector	NEMA 5-15P, Type B (3-pin grounded)
DC cable length (min)	8 ft (2.43m)
DC connector	Large variety available

Consult with a Lester Electrical sales representative for AC and DC cable and connector options

Environmental

Operating temperature	-20 °C to +45 °C
Storage temperature	-40 °C to +65 °C

Safety

UL listed and CSA certified

Represented By:



625 West A Street
Lincoln, NE 68522
P: 877 DC AMPS 9
F: 402.474.1769
Sales@LesterElectrical.com
LesterElectrical.com

Specifications are subject to change without notice.
Document ID: LE8002.3
Copyright © 2009 Lester Electrical of Nebraska, Inc. All rights reserved.