

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 and Sealed charge profiles
 - Field selectable
- Storage/refresh mode
- Encapsulated controller
 - Protects against moisture and corrosion
- Ammeter
- Charger protection
 - Voltage mismatch, reverse polarity, and short circuit
- UL listed, CSA certified, and CE 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, CSA, and CE 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 or Sealed Batteries

The E-Series product line can be ordered configured for Wet or Sealed batteries. An internal jumper can be used to select between the Wet or Sealed 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

Domestic models - Models with export AC input voltages and frequencies are available (CE certified)

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 and Sealed lead-acid (field selectable with 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 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

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