

Battery Dischargers/Testers

Battery Discharger Features

- 12/24, 36/48, and 72 VDC models
- Fully portable
- Worldwide operation
- DC powered from the connected battery set
 - No AC power required
- Automatic battery discharging
- Microprocessor control
- Programmable discharge cycle termination
 - Voltage-based termination
 - Time-based termination
- 5-digit, 7-segment display
- Laptop/PC interface
- Proven Lester Electrical reliability
- Thermal protection
- Durable powder-coated steel case
- Large 500-amp alligator clamps
- Heavy-duty 8-foot DC cables
- Cord wrap built into handle
- Made in the USA

Optimum Battery Capacity and Life

Lester Electrical battery dischargers can be used to determine battery capacities and to help identify defective batteries or cells in battery sets.

Knowing the condition of a battery allows you to better maintain it and make necessary repairs, optimizing both daily battery capacity and overall battery life.

Simple to Operate

To begin a discharge cycle, you connect the two alligator clamps to the battery or battery set and press the Start button. Real-time data is available on the display. The discharge cycle will automatically terminate based on battery voltage or time, which are user programmable.

Fully Portable with Worldwide Operation

Lester Electrical battery dischargers are completely DC powered from the connected battery set. No AC power is required, making these units both fully portable and ready for worldwide use.

Reliable and Durable

The battery discharger product line continues the tradition of proven Lester Electrical reliability. The cases are durable powder-coated steel. Lester Electrical dischargers also feature large 500-amp alligator clamps, heavy-duty 8-foot DC cables, and a cord wrap built into the handle for easy storage when not in use.



Battery Testing

Following a full discharge cycle, the battery discharger can be restarted in order to monitor individual battery or cell voltages under load. This enables you to identify potentially defective batteries or cells.

Laptop/PC Interface

Lester Electrical battery dischargers can be connected to a computer via the RS-232 serial port to display in real-time, analyze, and archive discharge data.

Thermal Protection

A battery discharger will automatically terminate the discharge cycle if the unit begins to overheat during operation.

Customizations and Private Branding

Lester Electrical offers customized products tailored for specific applications and customers. Software, connectors and cables, private labeling, and documentation are just a few of our capabilities.



Battery Dischargers/Testers

Battery Volts	Discharge Amps	Model Number	Ship Weight, Approx (Lbs)
12 / 24	75	25270	20
36 / 48	75 (at 36V) / 56.25 (at 48V)	17770	20
72	75	25680	33

SPECIFICATIONS

DC Input Ratings

Battery voltage (nom) See model table
Discharge current See model table

Protection Thermal protection

Controls

Start/Stop button
Display button

Indicators

5-digit, 7-segment display

Display

Func1 Present battery volts
Func2 Discharge time (min and sec)
Func3 Minimum battery volts reached
Func4 Nominal battery volts (12 or 24, 36 or 48, 72)
Func5 RS-232 data transfer interval (sec)

Termination

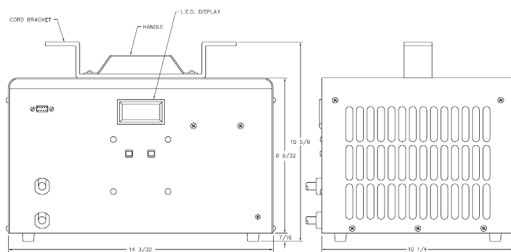
Termination voltage Automatic
(user programmable)
Termination time Automatic
(user programmable)
Start/Stop button Manual
Over temperature Automatic

Laptop/PC Communication Interface

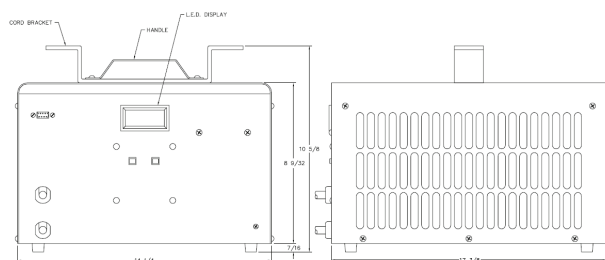
Connector 9-pin D-sub
Protocol RS-232 serial
Data transfer interval 1 sec or 60 sec

Mechanical

Dimensions (WxHxD)
25270, 17770 14.1 x 10.7 x 10.3 in
25680 14.3 x 10.7 x 17.4 in
Shipping weight (approx) See model table
Case material Powder-coated steel
Powder-coat colors (base / case)
25270 Red / black
17770 Gray / black
25680 Blue / black
DC cables Length 8 ft
Gauge 6 AWG
DC connectors 500A alligator clamps



25270 / 17770 Dimensional Drawing



25680 Dimensional Drawing



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