



***Introducing...***  
**TWO NEW BATTERY DISCHARGERS**  
**FROM LESTER ELECTRICAL**

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**MODEL 18400**  
**FOR 36-VOLT BATTERIES**

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**MODEL 17770**  
**FOR 36- OR 48-VOLT BATTERIES**

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It is frequently important to determine the power capability left in a set of batteries and a battery discharger is the best way to make that determination.

Previous dischargers ran on AC power, which sometimes made it difficult to locate the batteries near an AC outlet. The Lester dischargers operate on DC power from the batteries they are discharging, so proximity to AC power is no problem.

There are two Lester dischargers. One discharges a 36-volt bank of batteries only and the other discharges a 36- or 48-volt bank of batteries. It will automatically sense which DC voltage it is discharging, based on the voltage reading of the battery bank at the start of discharge. There is no danger of operator error in selecting DC voltage.

Electronic controls provide a programmable capability for adjusting voltage or time shutoff. An LED digital display is provided so the operator can easily see what is happening. Thermal protection is built in.

The case is durable 18-gauge steel, powder coat painted. The cables are 8 ft. long with heavy duty clamps. There is a cord wrap on the handle.

A 3-minute test cycle measures cell voltages.

Discharge data can be read on the digital display or it can be retained with the use of a terminal or a computer.

**Discharging a 36-volt bank of batteries**

This discharger is designed to meet the following 36-volt battery discharge specifications as outlined by the American Golf Car Manufacturers Association.

Battery energy is measured in a fully charged 36-volt bank of batteries with a 75 amp resistive load until a shutoff voltage of 31.5 volts (1.75 volts per cell).

**Discharging a 48-volt bank of batteries**

There is no AGCMA specification for discharging a 48-volt bank of batteries.

Battery energy is measured in minutes by discharging a fully-charged 48-volt bank of batteries with a 56 amp resistive load until a shutoff voltage of 42.0 volts (1.75 volts per cell) is reached.

**Specifications**

- \* Operates from battery voltage; no AC power required
- \* Electronic controls permit programming of voltage or time
- \* 3-minute test cycle for measuring cell voltages
- \* Durable 18 gauge steel case, powder coat painted
- \* Data can be observed or recorded with a terminal or computer
- \* Will discharge 36- or 48-volt banks of batteries
- \* Large 500 amp alligator clamps
- \* LED Digital Display
- \* 8 ft. cables with cord wrap on handle
- \* Built-in Thermal Protection
- \* 2-year limited warranty