



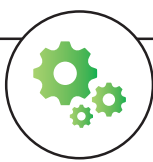
# BATTERY DISCHARGERS / TESTERS



Founded in 1963, Lester Electrical is a worldwide leader in designing and manufacturing electrical power conversion and monitoring products. Our team proudly introduces our Battery Discharger/Tester. Designed by our expert Engineers, the Discharger/Tester helps optimize daily battery capacity and overall battery life.

## AVAILABLE MODELS

| 12-24V / 75A | 36-48V / 75-56A | 72V / 75A |
|--------------|-----------------|-----------|
| 25270        | 17770           | 25680     |



## OPTIMIZATION

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.



## EXPERTISE

Lester Electrical has been designing and manufacturing electrical power conversion and monitoring products for more than fifty years. The battery discharger product line continues the tradition of proven Lester reliability.



## FLEXIBILITY

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.



## USER EXPERIENCE

The Battery Discharger/Tester has been expertly designed by our Engineers to ensure an easy operating experience for any user. Simply connect two alligator clamps to the battery or battery set and press the start button.



## DURABILITY

The Lester Electrical Battery Discharger/Tester features a powder-coated steel case, large 500-amp alligator clamps and heavy-duty 8-foot DC cables.



## AMERICAN MADE

Our Lester Electrical Battery Discharger/Tester is proudly manufactured in the U.S.A. at our plant in Lincoln, Nebraska. Quality is built into every product made for our clients.

# SPECIFICATIONS

## DC INPUT

|                |                    |                            |       |
|----------------|--------------------|----------------------------|-------|
| Battery Volts  | 12 / 24            | 36 / 48                    | 72    |
| Discharge Amps | 75                 | 75 (at 36V) 56.25 (at 48V) | 75    |
| Model Number   | 25270              | 17770                      | 25680 |
| Protection     | Thermal Protection |                            |       |

## TERMINATION

|                     |                               |
|---------------------|-------------------------------|
| Termination Voltage | Automatic (user programmable) |
| Termination Time    | Automatic (user programmable) |
| Start/Stop button   | Manual                        |
| Over temperature    | Automatic                     |

## LAPTOP / PC COMMUNICATION INTERFACE

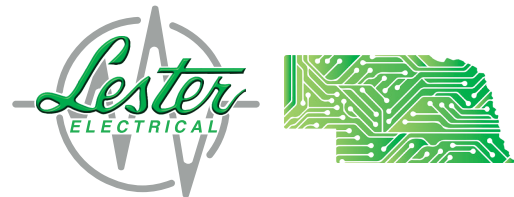
|                        |                 |
|------------------------|-----------------|
| Connector              | 9-pin D-sub     |
| Protocol               | RS-232 serial   |
| Data transfer interval | 1 sec or 60 sec |

## DISPLAY

|            |  |
|------------|--|
| Func 1     | Present battery volts                          |
| Func 2     | Discharge time (minutes and seconds)           |
| Func 3     | Minimum battery volts reached                  |
| Func 4     | Nominal battery volts (12 or 24, 36 or 48, 72) |
| Func 5     | RS-232 data transfer interval (seconds)        |
| Indicators | 5-digit, 7-segment display                     |
| Controls   | Start/Stop button, Display button              |

## MECHANICAL

|                    |   |                                  |
|--------------------|---|----------------------------------|
| Dimensions (WxHxD) | 14.1 x 10.7 x 10.3 in<br>(25270 and 17770)                                    | 14.3 x 10.7 x 17.4 in<br>(25690) |
| Weight             | 20 lbs  | 33 lbs                           |
| Case Material      | Powder-Coated Steel. 25270, Red/Black;<br>17770, Gray/Black; 25680 Blue/Black |                                  |
| DC Cable Length    | 8 (eight) feet  |                                  |
| DC Cable Gauge     | 6 AWG   |                                  |
| DC Connectors      | 500 A alligator clamps  |                                  |
| Cord Wrap          | Built into handle   |                                  |



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