

## Operating Instructions

### 1. Specifications

<b>Item:</b>	Description
<b>Input</b>	AC 120V, 60Hz, 0.4 Amp
<b>Output</b>	DC 12V, 1.5 Amp
<b>Battery Cables</b>	24 Inches. 18AWG
<b>Lead Wire</b>	3 – Prong Plug
<b>Features</b>	LED Self-resetting circuit breaker

### 2. Operation

- Connect the **positive** (Red) cable to the positive terminal of the battery.
- Connect the **negative** (Black) cable to the negative terminal of the battery.
- Connect the power outlet (110VAX/60Hz) to the 3-prong plug of the battery charger.
- The LED on the battery charger will indicate the status of the charger.
- The LED on the battery tester will indicate the status of the battery and alternator/charging system.
- To test a battery, the vehicle’s engine, lighting, and accessories must be off.
- To test an alternator/charging system, the engine must be running at 2,000 RPM minimum, the lights and accessories must be turned off and the unit must be unplugged from the AC power. (Note: Testing results will read incorrect when connected to AC power)
- Push the “Push” button to get the results.

### 3. LED Indication

<b>Battery Charger</b>		
Light Color:	ON/OFF	Condition:
Green	On	AC Power is present
Green	Off	Check wall receptacle for 110 volts or check connections, may be reversed
Orange	On	Charging
Orange	Off	Charged

<b>Battery &amp; Alternator Condition Tester</b>					
Red	Yellow	Blue	Green	Condition	Remedy
Off	Off	Off	Off	Battery dead (down 11.3v)	Replace Battery
On	Off	Off	Off	Battery is poor (11.3 to 11.7v)	Stop and charge fully
On	On	Off	Off	Battery is fair (11.8 to 12.2v)	Charge fully
On	On	On	Off	Battery is good (12.3 to 13.6v)	Charge for maintaining
On	On	On	On	Alternator/Charging system is good	-----
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