

## 5-in-1 Multi-Purpose 12VDC Tester

**ST-BT01Q Tests:** Voltage • Load • Polarity • Voltage Drop • PTC Fuse

*The ENFORCER ST-BT01Q Multi-Purpose 12VDC Tester has 4 LEDs to quickly and easily show the strength of the voltage present for most 12VDC applications.*

### Features:

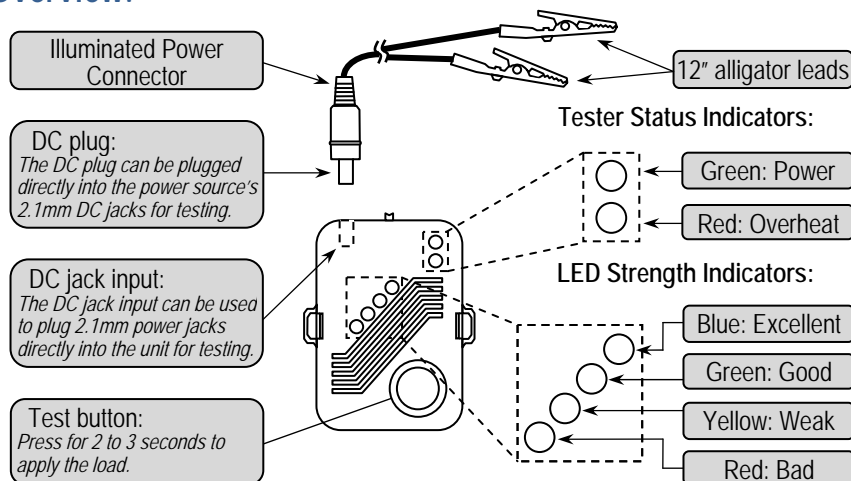
- ▶ Performs 5 essential tests in the field:
  - ✓ **Voltage Testing:** Check voltage of power sources easily in the field without a multimeter.
  - ✓ **Load Testing:** Apply a simulated 1A or 500mA load to power sources to check the voltage under load.
  - ✓ **Polarity Testing:** Check polarity of wires using the illuminated power connector.
  - ✓ **Voltage Drop Testing:** Check the amount of voltage drop over long cable runs.
  - ✓ **PTC Fuse Testing:** Check the integrity of PTC fuses.
- ▶ Selectable load: 1A or 500mA to test wiring depending on location, device to be tested, and anticipated voltage drop.
- ▶ Illuminated power connector: Clearly displays voltage polarity.
- ▶ Overheat indicator:



### Specifications:

Operating voltage	5 - 12 VDC
Maximum load	0.5 / 1 A (switch selectable)
Power	Passive - no extra power required
Weight	1.4 oz (40g)
Dimensions	2" X 1 <sup>3</sup> / <sub>4</sub> " X 1 <sup>1</sup> / <sub>8</sub> " (51 X 44 X 29 mm)

### Overview:



### Polarity Testing:

(Using illuminated power connector)

LED Color	Polarity
No color	No voltage present
Red	Incorrect polarity
Blue	Correct polarity
Purple	AC Voltage present

### Voltage Testing:

(Using 4 LEDs on front of tester)

LED Color	Voltage Present
Blue	≥ 12VDC
Green	10.8 - 12 VDC
Yellow	10 - 10.7 VDC
Red	9.4 - 9.9 VDC
No LEDs	< 9.4 VDC

## ST-BT01Q Sample Application:

This sample application shows a power supply connected to a 12VDC camera and 12VDC electromagnetic lock at the end of a cable run. There are several ways the **ST-BT01Q** tester can be connected, this diagram highlights only a few.

