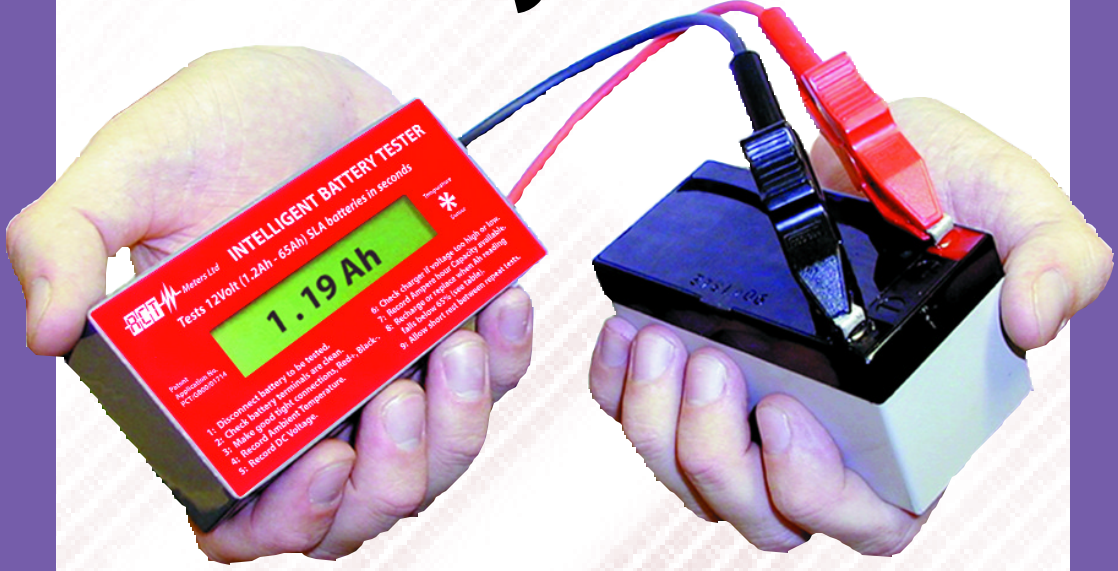




Award - Winning Intelligent Battery Tester



- Tests 12V SLA batteries in seconds.
- Automatically displays Ambient Temperature, DC Voltage and Ampere-hour Capacity available.
- Digitally programmed to 12V SLA batteries from 1.2Ah - 65Ah and car batteries up to 100Ah.
- Quick, accurate and easy to use.



Patent Applications:
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The problem

Battery manufacturers recommend to replace the battery when the rated Amp/hr (Ah) capacity falls below 65% - but multimeters are only capable of measuring terminal voltage!

The solution

The new Intelligent Battery Tester from ACT Meters is designed to measure Ampere-hour capacity in seconds! Digitally programmed to 12V SLA batteries from 1.2Ah - 65Ah and car batteries up to 100Ah, the award-winning ACT-IBT automatically displays Ambient Temperature, DC Voltage and Ampere-hour Capacity available in the battery. It's quick, accurate and easy to use and identifies batteries that need to be recharged or replaced according to prevailing conditions - irrespective of how long they have been in use.

How it works

The Intelligent Battery Tester works by applying a pulsed frequency to the battery under test. The patented neutral net software analysis the chemistry of the battery during this process and provides a direct reading in Amps/Hr. The design took many months to complete and accuracy was assured by performing the standard 20 hour discharge test on 100s of batteries and comparing the results. Since its award-winning launch at the ISC/East Expo in New York, more than 15,000 units have been sold world-wide. Testimonials as to its benefits, reliability and performance can be viewed by visiting our Website www.actmeters.com.

Two versions available

1: ACT-IBT (Red) digitally programmed to 12Volt AGM SLA batteries commonly used in general standby (permanently charged) applications such as alarm systems (e.g. NP12 Yuasa or similar). The vast majority of SLA batteries use AGM technology.

2: GEL-IBT (Blue) programmed to 12V GEL SLA batteries used in cyclic (charged and discharged) applications such as in mobility vehicles and golf carts (e.g. Sonnenschien A500C Dryfit or similar). Both operate in exactly the same way, but give different Ah (Ampere hour) readings based on the different internal resistance between AGM and GEL technology.

Technical data

Operating voltage: 12VDC.

Battery Type: 20Hr rated Sealed Lead Acid.

Battery size: 1.2Ah - 65Ah and Car batteries up to 100Ah.

Display: Back-lit LCD.

Temperature measurement: 0° - 100°C (32° - 212°F).

Voltage too high warning: >15VDC.

Voltage too low warning: <10VDC.

Low current warning: < 0.1Ah.

Accuracy Ah: 10%. (accuracy may vary due to battery design and specification).

Reverse polarity thermal protection: >55°C (130°F).

Overheat warning: >55°C (130°F) ±5°.

Size: 111mm x 55mm x 35 mm (4 7/16" x 2 3/16" x 1 7/16").

Weight: 177grms (6 1/4 ozs).

Warranty: 1 Year.

Accessories included: Carry case and Certificate of Conformity.