



ACT GOLD-PLUS

6/12V Intelligent Battery Tester

The ACT GOLD-PLUS is a dual voltage intelligent battery tester, designed for 6V and 12V lead acid batteries from 1.2Ah to 100Ah, making it capable of testing batteries up to 150Ah. It's the only product of its kind to have an Ampere-hour (Ah) calibration control, enabling Ah readings to be adjusted to suit various battery technologies including standby SLA (AGM), cyclic GEL and car FLOODED (WET) batteries.

Although bigger than the previous 12V GOLD-IBT, the new 6/12V GOLD-PLUS contains advanced pulsed load analysis technology which removes surface charge to accurately measure the available Ah capacity based at the battery's temperature and state of charge. This enables you to check the voltage and capacity of new batteries straight from the box and identify used batteries which show abnormal Ah capacity caused by excess temperature or from being under or overcharged. A table on the back of the meter indicates when batteries should be recharged or replaced.

The new GOLD-PLUS is designed for those who need to test different types of lead acid batteries quickly and easily.

Specifications

Advanced Features

- Tests 6V/12V SLA, GEL and Flooded lead acid batteries
- Capable of testing 12V batteries up to 150Ah
- Displays DC voltage and Ampere-hour (Ah) capacity available in the battery
- Advanced pulse load analysis accurately measures Ah capacity available in seconds
- Accurate Ah capacity based on battery's temperature and state of charge
- Unique 'Ah Calibration Control' enables standby SLA, cyclic GEL and car FLOODED batteries to be tested
- Ultra low heat generation allows continuous battery testing
- State-of-the-art reverse polarity protection
- Replaceable plug-in test leads
- Calibration Certification included
- Ideal for those who need to test a broad range of lead acid batteries types in various applications such as alarm systems, UPS, golf, mobility and leisure etc.

Operating Voltage 6V and 12V DC

Reverse Polarity Protection Red LED Indication

Max Input Voltage >15VDC

Battery Types SLA (AGM), GEL & Flooded (WET)

Battery Sizes 6V (1.2Ah – 12Ah) and 12V (1.2Ah to 100Ah)

Ah Capacity Test Simulated 20 hour (C20) load test to 10.50VDC

Ah Calibration Calibrated at 0 (zero) position to brand new fully charged premium brand SLA batteries rated at C20hour at 20C (68°F)

Ah Result Based on the battery under test temperature and state of charge

Ah Adjustment Provides \pm Ah adjustment to brand new fully charged standby SLA, cyclic GEL and car FLOODED lead acid batteries

Battery Table Recharge or replace battery when Ah capacity available falls below 65% of the battery's stated capacity

Display Type Back-lit LCD

Flat Battery Warning 6V <5.30VDC, 12V <10.50VDC

Repeat Test Operation Can perform repeat tests continuously

DCV Accuracy \pm 2% of displayed reading

Ah Accuracy \pm 10% Fully charged premium brand C20hour rated SLA batteries at 20 - 25C (68F - 77F)

Applied Pulse Load 6A 1.2Ah - 7Ah, 18A 8Ah - 100Ah

Ah Cal Adjustment Approx \pm 25 dgts

Case Construction High impact ABS

Size 210(H) x 110(W) x 41(D)mm

JUST SOME SUITABLE APPLICATIONS...

IN THE BOX GOLD-PLUS Intelligent Battery Tester, ACT-GPTL Test Leads, ACT430N Soft Carry Case, Operating Instructions and Certificate of Calibration