

NEW ACT 612 Intelligent Battery Tester

Replacing the previous GOLD PLUS model, the ACT 612 features a new robust and compact design, with enhanced accuracy and delivery time of DC Voltage and Ampere hour (Ah) capacity results of common lead acid batteries.



Features

Durable and Compact Design

The ACT 612 features a high impact ABS case, protected by a rubber holster to provide uncompromised durability for tough working conditions.

Enhanced Accuracy

The ACT 612 further improves over previous models reducing accuracy to 5± % fully charged premium brand C20 hour rated SLA batteries.

Faster Result Delivery

The ACT 612 is now approximately 40% quicker than the original GOLD PLUS model in reaching the 'Press to Test' stage

Additional New Features:

- High contrast inverted blue display
- Increased Calibration Control protection
- Reinforced input sockets
- Improved maximum input voltage protection with warning LED

Continued Features:

- Simulates a 20 hour (C20) discharge test in seconds
- Designed for standby 6V/12V SLA batteries between 1.2Ah and 100Ah
- Unique calibration control enables the unit to be calibrated to test specific battery brands and cyclic GEL and car FLOODED technologies
- Displays actual DC Voltage and Ah capacity available
- Powered by the battery under test and free from complicated settings and functions
- Does not deplete the battery unlike a conventional load tester
- Ultra low heat generation for reliable, continuous testing
- Quickly identifies batteries that still have life remaining and reduces the amount discarded unnecessarily

Specifications

| | |
|-----------------------------|--|
| Operating Voltage | 6V and 12V DC |
| Reverse Polarity Protection | RED LED Indication |
| Over Voltage Protection | RED LED Indication (MAX 30V - 10 seconds) |
| Battery Types | SLA (AGM), GEL & Flooded (WET) |
| Battery Sizes | 6V (1.2Ah – 10Ah) 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 20 °C (68 °F) |
| Ah Result | Based on the battery under test temperature and state of charge |
| Ah Adjustment | Provides ± 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 | ± 2% of displayed reading |
| Ah Accuracy | ± 5% Fully charged premium brand C20 hour rated SLA batteries at 20°C - 25°C (68°F - 77°F) |
| Applied Pulse Load | 6A 1.2Ah - 7.9Ah, 18A 8Ah - 100Ah |
| Ah Cal Adjustment | Approx ± 25 dgts |
| Case Construction | High impact ABS with holster |
| Size (including holster) | 84(H) x 170(W) x 41(D)mm |
| Warranty | 1 Year |

IN THE BOX

ACT 612 12V SLA Intelligent Battery Tester
ACT 612TL Test Leads
Sample ACT BTL (Battery Tested Labels)
ACT 430N Soft Carry Case
Operating Instructions
Certificate of Calibration



ACT Meters International Ltd
*The Old Smithy
Church Road
Rainford
Merseyside
WA11 8HD
United Kingdom*

*T: +44(0)1744 886660
E: international@actmeters.com
W: www.actmeters.com*