

# GOLD-PLUS

## Intelligent Battery Tester

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*Test the most common lead acid battery types all from the one, GOLD PLUS unit. Standby SLA, cyclic GEL and car FLOODED – the GOLD PLUS tests both 6V and 12V models quickly and displays Ah capacity available.*



## Features

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### Test SLA, GEL & FLOODED

Simply turn the Ah Calibration Control to select either standby SLA, cyclic GEL and car FLOODED battery types prior to testing. The Calibration Control also allows you to calibrate the battery tester to non standard battery types.

### For 6V & 12V battery models

Test 6V battery models between 1.2Ah and 12Ah, and 12V battery models between 1.2Ah and 100Ah. With a wide Ah range, the GOLD PLUS is ideal for testing batteries used in many applications from security, mobility to leisure.

### Simple Operation

Connect the clamps to the battery, turn the Ah Calibration Control to the desired battery type under test and press the 'TEST' button. It's that easy. Results will be displayed within seconds.

### DC Voltage and Ah Capacity Results

There's no confusing conversion rates or user interpretation needed when using the GOLD PLUS. Two results are displayed – the battery's DC voltage followed by the actual Ah capacity available.

### When to Recharge or Replace

Battery manufacturers recommend to recharge or replace a battery when its rated Ah capacity falls below 65%. By giving a clear and accurate

Ah reading, the GOLD PLUS will help you identify replacements quickly and easily.

### Advanced Pulse Load Technology

The GOLD PLUS uses advanced pulse load technology to analyse Ah capacity, based on the battery's temperature and state of charge. This method is significantly more accurate than measuring voltage and internal resistance and does not deplete the battery unlike a conventional load tester.

### Reliable, Continuous Testing

Powered by the battery under test and with ultra low heat generation.

### Portable

Perfectly suited as a bench tester or out on the job with the engineer.

### Economical

Identify batteries that still have life remaining and reduce the amount discarded unnecessarily.

### Profitable

Show the customer the result and increase your own battery sales by recommending a new battery for their system.

# Specifications

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Operating Voltage	6V and 12V DC
Reverse Polarity Protection	Red LED Indication
Max Input Voltage	15VDC
Battery Types	SLA, GEL and FLOODED
Battery Sizes	6V (1.2Ah - 12Ah) and 12V (1.2Ah - 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	Backlit 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 - 25 ° C (68 - 77 ° F)
Applied Pulse Load	6A 1.2Ah - 7Ah, 18A 8Ah - 100Ah
Ah Calibration Adjustment	Approx $\pm$ 25 dgts
Case Construction	High Impact ABS
Size	210(H) x 110(W) x 41(D)mm

## PACKAGE

*GOLD-PLUS Intelligent Battery Tester, ACT GPTL Test Leads, ACT 430N Soft Carry Case, Operating Instructions and Certificate of Calibration.*

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