

APS- Advanced Battery Tester

Test range: 5~6000Ah

Compatible for testing 1.2V, 2V, 6V and 12V



ABOUT PRODUCT

The APS – Advanced Battery Tester has been designed to support the battery market, where there is a need for a separate source to determine and technically evaluate the status and life span of a battery. It is required that the battery be measure both at impedance level and conductance level along with DC voltage to exactly determine the status of the batter. This can only be achieved with Antipodes Advanced Battery Tester. This application is done via multi-frequency scanning and is a non-invasive, nondestructive testing method for lead acid batteries. The APS tester is capable of providing accurate and effective capacitive information that will ensure the backup power systems deliver power when needed. This technology will ensure cost reduction on maintenance costs and ensure maximum use of the battery without any risk.

PRODUCT PERFORMANCE

The APS – Advanced Battery Tester is a must-have for regular maintenance and testing of standby batteries. APS – Advanced Battery Tester to test the cell internal resistance/conductance and voltage will help eliminate weak batteries and ensure their optimal performance.

MAIN FEATURES

- 2-in-1: switchable between internal resistance and conductance measurement.
- Wide test range: 5~6000Ah, compatible for cell of 1.2V, 2V, 6V and 12V.
- Smart and portable hand-held device, rugged and ready-to-go.
- Colourful touch screen with optional operation of keyboard and touch screen.
- Simultaneously tests voltage and internal resistance/conductance
- Fast testing for battery and string in seconds
- Auto saves testing data
- Strong anti-interference in high current with stable and accurate performance.
- Low testing frequency- avoids interference from capacitive resistance.
- Direct USB drive for software updates and data transfer to computers.
- Powerful PC management software, convenient for data storage and analysis.
- Testing data storage of more than 3000 cells.
- Buzzer alarm function and over voltage protection.
- Auto-calibration function for testing accuracy.
- Built-in reference value and self-defined value for comparison of testing result
- Retest and compensation function: any faulty operation or omission can be retested
- Optional function: can wirelessly transfer data to IT system via GPRS model



1/16 Juna Drive, Malaga, WA 6090, Australia

P +61 8 9248 6398 M +61 410 365 289 E marco@antipodespower.com

www.antipodespower.com

ABN 11 616 890 183

APS- Advanced Battery Tester

Test range: 5~6000Ah

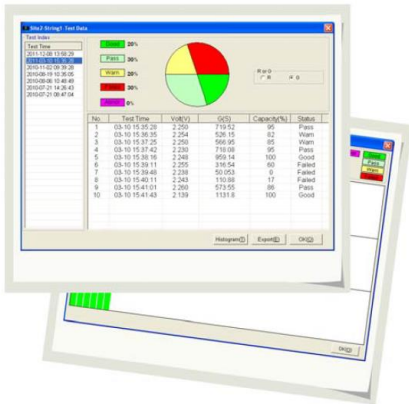
Compatible for testing 1.2V, 2V, 6V and 12V



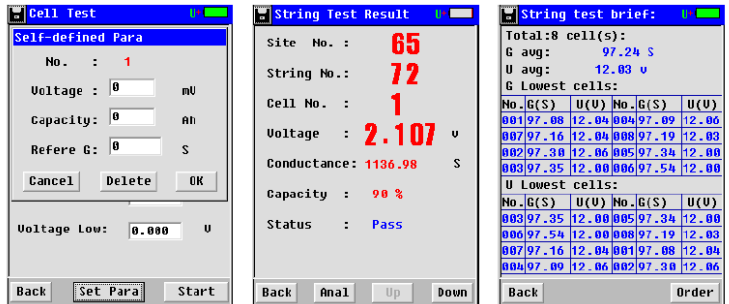
TECHNICAL SPECIFICATIONS

Resistance Range	0.00 mΩ~ 100 mΩ
(Conductance Range)	(100-19990 Siemens)
Voltage Range	0.000V ~16V
Minimum Test Resolution	
Resistance (Conductance)	0.1m Ω (0.01S)
Voltage	1mv
Test Accuracy	
Resistance (Conductance)	±1.0%rdg ±6dgt
Voltage	±0.2%rdg ±6dgt
Power Supply	Li-ion battery (7.2V 2400mAh)
Working Time	More than 5 hours
Measuring Data Memory	>3000 cells
Operation Environment	0°C to 40°C, 90% R.H
Measuring Cells Per String	1≤cells≤254
LCD Display	320*240 pixel, 3.5" TFT screen
Net Weight	2 kg
Dimension (L X W X H Mm)	210 x 110 x 60 mm

PC Software



Functional Display



Self-defined parameter

Vivid testing result

String test summary



Pin Type Probe



1/16 Juna Drive, Malaga, WA 6090, Australia

P +61 8 9248 6398 M +61 410 365 289 E marco@antipodespower.com

www.antipodespower.com

ABN 11 616 890 183