Data Sheet

Handheld Battery Capacity Analyzers

Models 600B and 601B

The 600B and 601B Battery Capacity Analyzers address the need to test and maintain sealed lead acid (SLA) batteries used in backup power UPS, emergency lighting, fire alarms, security systems, and many other electrical systems. By quickly characterizing a battery's response to a load resistance, these meters display the remaining battery capacity as an indicator of the battery's health. Powered by the battery under test, both models support testing of 12 V storage type lead acid batteries. The 601B is also capable of testing 6 V batteries and displaying the internal resistance of the battery.

Features

- Measure remaining battery storage capacity in just seconds
- Easy-to-use interface
- Powered by the battery under test eliminating the need for external power to instrument
- High quality, durable Kelvin clamps
- Rubber buttons
- Rugged housing with extruded aluminum case
- Internal resistance measurement (601B only)



| Model | 600B | 601B |
|--------------------------------|------|------------|
| Supported SLA battery voltages | 12 V | 6 V & 12 V |
| Internal resistance | | √ |
| Load voltage | ~~ | √ |



Front panel





Kelvin clamps

Specifications

| Model | 600B | 601B |
|---|---|---|
| Supported SLA battery voltages | 12 V | 6 V & 12 V |
| Ah range | 7, 12, 24, 42, 65, & 100 | 5 - 100 in 1 Ah steps |
| No load (open circuit) voltage accuracy | ±2 counts | $\pm (0.2\% + 1 \text{ count})$ |
| Dimensions (W x H x D) | 2.91" x 10.44" x 2.18" (74 x 265.1 x 54 mm) | 2.91" x 10.44" x 2.28" (74 x 265.1 x 58 mm) |
| Weight | 2.65 lbs (1.2 kg.) | |
| | | One-Year Warranty |
| Included accessories | User manual | |

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