



Pulse Load Multi-Battery Testers



demonstrated performance™

- Easy to Use
- Fully Automatic
- High Accuracy

MBT-LA Data Sheet



The ZTS Lead Acid Multi-Battery Tester™ (MBT-LA) is designed for anyone working with lead acid batteries. This includes maintenance and service of security/ alarm systems, UPS, emergency lighting, telecommunications, medical, and automotive. The MBT-LA provides a comprehensive means of testing the state of charge and battery condition for 2-volt, 4-volt, 6-volt, 8-volt, and 12-volt lead acid battery types. This microprocessor-controlled instrument is designed to test popular SLA (AGM, Gel) batteries using a patented, high accuracy pulse load test. After a fully automatic test cycle, percentage of remaining battery capacity is indicated on the LED bar display. Built to make multiple tests without overheating. Easily identify weak or failing batteries. *Uses 4AA batteries.* Made in U.S.A. Patent 6,823,274

Advantage of Pulse Load Technology

Lead acid batteries are often used in applications requiring high peak currents, making battery performance very important. The MBT-LA computes the battery's actual remaining power capacity using a 15-second pulse load test. This pulse load simulates the real power demand that batteries experience during normal operation (up to 7 Amps/90 watts), and verifies a battery's ability to deliver current and maintain voltage under load. So battery *performance* is measured, not just voltage or internal resistance. The load is automatically disconnected, so testing will not harm or drain the battery.

Testing capability:	1) 6V, 12V SLA batteries - capacity up to 100AH 2) 2V, 4V, 8V SLA batteries - capacity up to 25AH
Display:	Six (6) LEDs - Green, yellow, and red
Contact terminals:	Solid copper clamps, 30" rubber coated, kinkless test leads
Dimensions:	8.75 x 5.5 x 1.75 in.
Weight:	approx. 23 oz. (650g)
Part No.:	MBT-LA
UPC:	856777000107
Applications:	UPS, medical, safety, security, scientific, fire alarms, maintenance, emergency lighting, industrial, and more.