



Pulse Load Multi-Battery Testers™

- ZTS, Inc. • Cincinnati, OH
- Toll-free: 888-796-2777
- Est. 1976



MBT-MIL.SF Data Sheet

The ZTS MBT-MIL.SF Multi-Battery Tester™ (MBT-MIL.SF) provides a comprehensive means of testing the state of charge or state of power for more than 30 battery types, including 9-volt lithium batteries. This microprocessor-controlled instrument is designed for commercial use and tests popular primary (non-rechargeable) and rechargeable 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. Battery types are clearly labeled next to appropriate contacts. Negative test lead/probe conveniently stores in seam at side. It's easy to use (no switches or settings), and test results are easy to understand. Tests NiMH, Li-Ion, alkaline, lithium, coin cell, button type and more. *Uses 4AA batteries (not included).*

- Easy to use - no switches or settings
- Quickly and easily identifies weak or failing batteries
- Fully automatic - high accuracy Pulse Load test
- Ideal for battery management and cell matching
- Made in U.S.A. Patents 6,823,274 and D569285

Pulse Load Technology

Battery performance is very important in today's electronic devices. This tester provides a fully automatic pulse load test to determine state of charge (SOC) or state of power. The pulse load test simulates real power demand and measures battery performance, not just voltage.

Testing capability:

- 3.6v Li-Ion rechargeable [RCR123A, 18500, 17650, 18650]
- 1.5v button cell [S76, A76, A625, A640, LR44, 357, 303]
- 1.2v NiMH/NiCd rechargeable [AA, AAA, C, D]
- 1.5v lithium [AA L91, AAA L92]
- 3v lithium coin [1616, 1620, 2016, 2025, 2320, 2032, 2430, 2450, 58L 1/3N]
- 6v '28' series [28A, S28, 28L]
- 9v lithium [U9VL, L522]
- 1.5v alkaline [AA, AAA, C, D, N]
- 12v alkaline [A23]
- 9v alkaline, carbon zinc

Pulse load:

Magnitude varies according to battery type

Display:

Six LEDs - Green, yellow, and red

Test Duration:

2-3 seconds, varies according to battery type

Contact terminals:

Nickel-plated brass. Positive terminals fixed. Built-in negative test lead

Dimensions:

8" x 4.5" x 1.25" / 20.3cm x 11.4cm x 3.2cm

Weight:

14.5 oz. / 400g (without batteries)

NSN:

6625-01-493-4179

Part No.:

BATU9VL2

UPC:

856777000190

Applications:

Battery management, electronics, mission readiness, safety, security, medical, wireless devices, remotes, communications, cell matching, more