

Partners in Power Confidence



TEC SERIES Stationary Battery Analyzers

Midtronics battery testing products have been the industry leaders in the automotive, telecommunications, power utility and commercial transportation for more than a decade. Built upon this experience and proven technology, the **TEC Series** offers advanced battery testing capabilities for effective evaluation and maintenance of all stationary power systems including uninterruptible power supplies.

Features :

TEC - 6500

- Enhanced conductance methodology enables accurate and repeatable testing in the presence of ultra-high electrical interference
- Software and data management techniques allow for the easy establishment of battery reference / baseline values when pre-determined data is not readily available, allowing for "reference-free" testing
- SD Card memory storage allows for 500 site/strings of 480 readings each
- Alpha-numeric keypad simplifies data identification and management
- Kit includes test probes, and case. Other accessories, including clamps, printer, and probe extenders available.



INNOVATION



TECHNOLOGY



QUALITY



WORLDWIDE

Specifications

Model Number:

TEC-6500**Applications:**

Tests individual lead acid cells or monoblocs (up to 16 Volts) in any common configuration, approximately 10-6000 Ah.

Voltage:

1.5 - 20.0 Volts DC

Conductance:

100 - 19,990 Siemens

Test Data Storage:

500 string locations of 480 test results stored internally

Accuracy:

+ 2% across test range

Voltmeter Resolution:

5 mV

User Programmable Functions:

- Preset values for over 250 battery types
- Low voltage alarm setting
- Low conductance warning
- Low conductance failure
- Test mode (push button/auto start)

Calibration:

Auto-calibration prior to every test, no future calibration required

Connectorized Test Cable Options:

- Dual contact clamps
- Dual contact probes
- Custom cables by quotation

Power Requirements:

9.6V, 1600mAh, NiMH Internal swappable battery & charger

Display:

LCD - FSTN

2.619 in x 1.309 in, 128 x 64 pixels, 40 degree viewing angle, contrast ratio, 8, Green LED backlight

Keypad:

Stainless-steel dome, polycarbonate overlay, 1,000,000 actuations

Data Transfer:

Infra-red HP protocol, Infra-red, half-duplex
IRDA protocol, RS-232 printer, Secure digital card

Environmental Operating Range:

0 to +40°C, 95% relative humidity, non-condensing

Storage Temperature:

-20 to 82°C

Over Voltage Protection:

- Auto-reset disconnect
- Reverse polarity protected

Housing Material:

Acid resistant ABS plastic santoprene overmold

Analyzer Dimensions:

11 in x 4 in x 3 in
280 mm x 105 mm x 80 mm

Case Dimensions:

19 in x 15.5 in x 7 in
485 mm x 395 mm x 180 mm

Analyzer Weight:

2.6 lb

TEC-6500 Test Kit**Shipping Weight:**

Approximately 11 lb

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