

BITE™ Receiver

Battery Impedance Test Equipment Receiver



- Used with the original BITE
- Provides data storage capabilities
- Measures impedance and dc voltage for lead-acid and nickel-cadmium cells

DESCRIPTION

The BITE Receiver is a direct replacement for the standard receiver supplied with the original BITE. It provides data storage capabilities without having to replace the BITE transmitter.

The receiver incorporates the potential leads, clamp-on current sensor, and data storage capabilities in one unit. The unit stores more than 2000 sets of data (cell impedance, cell voltage and interconnecting strap resistance).

At any time during a test, the operator can review the current test results by using arrow keys and scrolling back through the active test screen. If needed, the operator can retest any of the cells and straps in the current test.

Stored data also can be downloaded via the RS-232 connector directly to a personal computer.

The clamp-on current sensor is connected to the receiver during testing and clamped around a convenient intertier or intercell connection within the loop created by the current source leads from the transmitter and the battery string.

If the intercell or intertier connection used consists of more cables than the diameter of the clamp-on current sensor can encompass, the receiver has a split strap function.

With the optional bar-code wand, additional information can be recorded and stored such as location identification, ambient and pilot cell temperature.

APPLICATIONS

The BITE Receiver is used with the original Biddle BITE to test lead-acid and nickel-cadmium cells of less than 2500 Ah capacity. (Specific system environment may permit testing of larger Ah cells.)

The receiver is powered by internal rechargeable batteries. The batteries can be charged with a separate external charger.

FEATURES AND BENEFITS

- On-line testing with no downtime.
- Calculates impedance automatically and stores results.
- Requires no battery discharge.
- RS-232 connector for downloading stored data to personal computer.
- Reduces test time; less than 30 seconds per cell.
- Stores more than 2000 sets of data.
- Measures impedance and dc voltage values for all lead-acid and nickel-cadmium cells of less than 2500 Ah capacity.

ORDERING INFORMATION

Item (Qty)	Cat. No.
BITE Receiver, 60 Hz	246301
BITE Receiver, 50 Hz	246301-47
Included Accessories	
Current sensor, 2 in. (50 mm) opening with 5 ft (1.5 m) lead	33863
CT extension cable, 6 ft (1.8 m)	33864-1
Communication cable, 6 ft (1.8 m) with 25-PIN to 9-PIN adapter	30648
Battery charger	33497-1
AC line cord	17032
Data extraction tool for Windows,	33734
Canvas accessory bag	29996
Instruction manual	AVTM24630IJ
Optional Accessories	
Current sensor 0.5 in. (12.7 mm) opening with 2.5 ft (0.8 m) lead	246034
CT extension cable, 20 ft (6 m)	246033
Bar-code wand with preprinted code sheet	246201
Bar-code labeling software	
DOS	246040
Windows®	246039