



Product Code : 02480

12V Battery Load Tester

Battery load tester for use by service personnel who require a simple, low-cost method of load testing batteries - either on site or on the bench. Ideal for alarm technicians and general technical staff, the CA-BLT-12V should be considered an essential part of every technician's toolkit and pays for itself very quickly through increased battery sales.

Simply attach to the battery under test as shown below. The CA-BLT-12V automatically applies the test load and illuminates the TESTING LED (the OK/FAIL LED will also be green unless the battery fails immediately). If, anytime during the test period, the battery voltage falls below the Test Fail Voltage, the battery fails the test and the OK/FAIL LED will change from green to red. On completion of the test, the TESTING LED will turn off and the OK/FAIL LED will remain green if the battery is OK.



Features

- Easy to use load tester.
- Automatic timed test.
- Preset pass/fail threshold.
- Pass = Green, Fail = Red.
- Works on all 12V sealed lead acid batteries.
- Consistent, simple test procedure.

Specifications

Parameter	Min	Typ	Max	Units
Test current	2.10	2.30	2.45	A
Test duration	14.0	15.0	16.0	sec
Test fail voltage	11.40	11.50	11.60	V
Max tests per hour			10	-
Time between tests	2			min
Dimensions			90x50x28h	mm

If required, the user can put a voltmeter across the terminals of the battery and monitor the voltage during the test to see how low the battery voltage falls and to measure the recovery time.

Note:

- a) If the TESTING LED does not illuminate at the start of a test, the battery voltage has sagged under load to below 4.0V. The battery either needs recharging or replacing.
- b) If the OK/FAIL LED immediately turns red at the start of a test, the battery has either failed or the connection between the CA-BLT-12V and the battery was intermittent.
- c) The CA-BLT-12V will get warm during use. This is normal, however it is important to note that it should be left for 2 minutes between tests with no more than 10 tests in a one hour period. The unit will automatically shut down if it gets too hot. If this occurs, the test will abort before the 15 seconds has elapsed, in which case the user should wait for 10-15 minutes before trying again.

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Warranty and Disclaimer

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