

SOLAR[®]

Battery & System Analysis

Digital Battery and System Tester with Integrated Printer

The new Digital Battery and System Tester with Integrated Printer, **Model No. BA327**, offers a complete testing solution for 6 and 12 Volt batteries and 12 and 24 Volt charging systems. Compatible with a wide variety of battery types, it features easy, intuitive operation with quick, accurate assessment of battery condition and starting and charging system performance.

Key features include:

- Quick, easy battery and system analysis
- 6 and 12 Volt battery testing
- 1.5-30V operating range
- 40-2000 CCA operating range
- 12 and 24 Volt system testing
- Compatible with many battery types, including flooded, AGM and Gel Cell
- Temperature compensation
- Integrated printer
- Extra-long 10' leads
- Multilingual operation
- Backlit screen for clear viewing in low light
- Storage case

Testing is quick and easy and allows the operator to perform either a battery test, system test or both from the home screen. The tester walks through the test sequence, prompting for key pieces of information and guiding the operator from one step to the next. The tester provides accurate assessment of both charged and discharged batteries and features temperature compensation for improved accuracy.

It will test 6 and 12 Volt batteries with an operating range of 40-2000 CCA and will provide an analysis of 12 and 24 Volt starting and charging systems. It is compatible with a wide variety of battery types, including Conventional, Maintenance Free, AGM, Gel Cell, and Marine Starting Deep Cycle batteries.

The tester's integrated printer provides easy service documentation. The printing sequence is clear and quick, with a completed printout in just seconds. The printer uses standard thermal paper that is readily available at any office supply store. In addition, the printing stage can be easily bypassed if a printout is not necessary.

The tester also incorporates a number of features that improve convenience during testing, including reverse polarity protection, extra-long cable leads reaching 10', a fully adjustable, brightly backlit screen for clear viewing in bright or low light environments and a convenient case for safe, secure storage.



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SOLAR
TEST REPORT
==BATTERY TEST==
STANDARD SLI
SOC:      12.83V
RATED:    470CCA
MEASURED: 517CCA
GOOD & PASS
STATE OF HEALTH
■■■■■■■■ 100%
STATE OF CHARGE
■■■■■■■■ 100%
TEST DATE:
02/13/2009
19:05:43
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SOLAR
TEST REPORT
==STARTER TEST==
CRANKING VOLTS
18.95V NORMAL
=CHARGING TEST=
NO LOAD:
MIN      MAX
LOAD:
■■■■■■■■
MIN      MAX
LOAD OFF: 14.48V
LOAD ON:  14.42V
DIODE RIPPLE
RIPPLE DETECTED
0.17V NORMAL
TEST DATE:
02/13/2009
19:07:26
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SOLAR®

Battery & System Analysis

Battery and System Analysis Tools

The new *Digital Battery and System Analysis (BA)* offering from **SOLAR** provides a complete range of battery analysis tools to meet the needs of automotive service professionals.

The new BA Series includes a Digital Voltmeter (**Part No. BA1**), Digital Battery Tester (**Part No. BA5**) and Digital Battery and System Tester (**Part No. BA7**). All models are compact, portable and easy to use, with simple operation that walks the operator through the testing sequences. The tester models provide two types of feedback/analysis: a numerical reading plus a pass/fail LED assessment.

All models are compatible with a wide range of battery types, including Conventional, Maintenance Free, AGM, and Marine Starting Deep Cycle batteries. All models feature bright LED displays that are effective in both bright and low light environments and a variety of safety features, including reverse polarity and over-voltage protection.

The **12V Battery and System Tester, Part No. BA7**, features an operating range of 7-15V and the capacity to test batteries rated between 100-1200 CCA. It adds the convenience of starting and charging system testing and offers quick assessment, providing both a numerical result and a pass/fail LED result. It is compatible with a wide range of battery types, including Conventional, Maintenance Free, AGM, Gel Cell, and Marine Starting Deep Cycle batteries.

The **12V Battery Tester, Part No. BA5**, features an operating range of 7-15V and the capacity to test batteries rated between 100-1200 CCA. It offers quick assessment, providing both a numerical result and a pass/fail LED result. It is compatible with a wide range of battery types, including Conventional, Maintenance Free, AGM, Gel Cell, and Marine Starting Deep Cycle batteries.

The **6/12V Digital Voltmeter, Part No. BA1**, features an operating range of 4.5-19.99V. It provides fast, accurate voltage readings for 6 and 12 Volt batteries and features a bright LED display.



Battery and System Tester, Part No. BA7



Battery Tester, Part No. BA5



Digital Voltmeter, Part No. BA1

Check out the collection of automotive tools we offer.