

ODYSSEY[®]
THE EXTREME BATTERY



PortAlyzer™

*Heavy Duty Handheld Battery
and Electrical System Tester*

Unmatched flexibility, reliability and portability

The handheld PortAlyzer™ battery and electrical system tester allows users to rapidly, precisely diagnose bad batteries in a discharged state—without the need to charge them first. By utilizing a patented microload testing technology, the PortAlyzer tester can quickly identify bad batteries either individually or in a pack, with no user interpretation or guesswork. The unit also analyzes vehicle starting and charging systems, and is ideal for a range of automotive/LTV and heavy duty/commercial applications.

Battery Testing

- Tests the following battery pack configurations:
 - One battery (6V or 12V)
 - Two batteries in series (24V); 2, 3 or 4 batteries in parallel (12V)
 - Two banks in parallel, each having two batteries in series (24V)
- Pack configuration used in algorithm design
- Step-by-step user instructions allow easy test completion
- Tester-applied loads used on all pack combinations

Electrical System Testing

- 12V and 24V charging and starting system tests
- 12V and 24V diode tests

User-friendly, Shop-friendly

Large, backlit digital display window is easy to read in all light conditions and displays up to four lines of data for less scrolling.

Raised, soft-touch keypad is easy to use even with gloves and is protected by an over-molded enclosure.

15-foot test lead cable enables easy movement and allows tests to be performed from the cab of the vehicle.

EnerSys[®]
Power/Full Solutions

PortAlyzer™

Heavy Duty Handheld Battery and Electrical System Tester



The PortAlyzer™ tester kit includes the test unit and 15' test leads packed in a black, molded plastic carrying case.

Features and Specs

- Patented microload technology allows precision-testing on vehicle battery, starting and charging systems with minimal user interaction
- Tests flooded lead acid (FLA) and absorbed glass mat (AGM) batteries
- Diagnoses battery packs in series, parallel, or series/parallel
- Scales: CCA, CA, MCA, A-HR, JIS, DIN
- High CCA capacity ranges: 50-4000CCA
- Removable auto sensing 15' leads
- 4 x 20 backlit character display
- PC interface port enables field-upgradeable flash memory to accommodate new battery types, system updates and feature additions

The Microload Difference

PortAlyzer™ tester's microload technology applies multiple test loads to measure a battery's internal impedance, capacitive recovery and other signs of impending failure. For electrical system tests, microload technology applies a controlled load automatically, so users don't have to do so manually.

- Saves time by eliminating the need to charge a deeply discharged battery before testing
- Measures state-of-charge and delivers definitive test results that end operator guesswork and error
- Reduces sensitivity to parasitic drain or resistance at terminal connections, allowing precision in-vehicle testing
- Ensures compatibility with all battery types



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