The Autel MaxiBAS BT508 is a professional adaptive conductance battery tester designed for fast, accurate battery and electrical system diagnostics. Using advanced conductance analysis, it delivers precise insights into cold-cranking ability, reserve capacity, and overall battery health, helping workshops make confident replacement decisions.

Compact, lightweight, and built for modern vehicles, the BT508 supports both in-vehicle and out-of-vehicle testing and pairs with a free mobile app (iOS & Android) for wireless diagnostics, report sharing, and battery registration. With support for all major battery types and rating standards, it is an essential diagnostic tool for workshops, technicians, and fleet maintenance environments.

ADVANCED DIAGNOSTICS & PERFORMANCE

- Adaptive Conductance technology for accurate battery health analysis
- Tests 6V and 12V batteries from 100 to 2000 CCA
- Performs 12V cranking and charging system tests
- Supports Flooded, AGM, AGM Spiral, EFB, and GEL batteries
- Compatible with major rating standards: CCA, CA, SAE, EN, IEC, DIN, JIS, MCA
- Wireless Bluetooth communication with included VCI
- One-touch battery registration for supported vehicles
- In-vehicle and out-of-vehicle testing capability
- Guided on-screen instructions for accurate testing
- Read and clear diagnostic codes across available systems
- Automatic report storage with print and email sharing via app
- Reverse polarity protection clamps for safe operation

TECHNICAL SPECIFICATIONS

- Connectivity: USB Type-C, Bluetooth Dual-Mode (V3.0 + V4.2 LE)
- Input Voltage: 5V DC
- Working Current: <150 mA at 12V DC
- CCA Range: 100 – 2000 CCA
- Voltage Range: 1.5 – 16V
- Working Temperature: -10°C to 50°C
- Storage Temperature: -20°C to 60°C
- Dimensions: 107 × 75 × 26 mm
- Weight: 0.32 kg

WHY CHOOSE THE BT508

- Delivers test results within seconds for faster workflow
- Ensures safe testing with built-in polarity protection
- Supports future battery technologies via software updates
- Easily share reports with customers for transparency
- Automatically saves test history for record keeping