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TECHNOLOGY
IN OUR GENETICS
INTELLIGENCE
IN YOUR HANDS



CONTENTS

3

PRO-LEVEL SCANNER

- 6 Phoenix Pro
- 10 Phoenix Plus
- 14 Phoenix Lite

MID-LEVEL SCANNER

- 18 ArtiDiag500
- 19 ArtiDiag600
- 20 ArtiDiag700
- 21 ArtiDiag800
- 22 ArtiDiag800BT
- 24 SmartDiag Mini

CODE READER

- 28 ArtiLink Series
- 30 ArtiLink600

ITC CAMERA

- 32 ITC629

KEY PROGRAMMER

- 36 TNINJA-1000

BATTERY CHARGER

- 43 T1200
- 44 T4000
- 48 T30000
- 49 T90000

KEY PROGRAMMER

- 52 BT100
- 53 BT200
- 54 BTMobile Pro
- 55 BTMobile Lite
- 56 BTMobile Pros
- 58 BT700 Pro
- 59 BT700

JUMP STARTER

- 62 V1500
- 63 V2000
- 64 V2000Pro
- 70 V4000

JUMP STARTER

- 71 H200

POWER & COVERAGE

SMARTER DIAGNOSTICS



1 PHOENIX PRO

SMARTER DIAGNOSTICS | 12" SCREEN ADVANCED

- Cloud Based Programming
- Coding & Activation
- Bi-Directional Diagnostics
- 21+ Advanced Maintenance Services
- 150+ OE Level Coverage
- Diagnostic Health Report



■ TECHNICAL SPECIFICATIONS



The ultimate professional level diagnostic tablet provides the latest OE-level coverage for Domestic, Asian and European vehicles, with easy-to-navigate software accessing to everything you need in repairs. Features 21 maintenance service functions, advanced coding & adaptations, bi-directional controls, and access to all modules in all systems with AutoSCAN and AutoVIN (2006+). Includes wireless VCI for OBDII vehicle connection that can be used with the tablet software to complete the remote diagnostics. Approved by FCA to unlock Secure Gateway (SGW)

protected vehicles with AutoAuth registered account access. Generates printable diagnostic health reports based on vehicle data and AutoSCAN confirmed DTCs. 5MP camera enables photos for sharing and easily added to reports. Reset diesel emissions and perform advanced diagnostics on passenger vehicles, select light and medium duty vehicles. Software and vehicle coverage is updatable via WiFi, 2 years of free, with 2 years of warranty. Compatible with other accessories such as borescopes, oscilloscopes, battery tester, NVH analyzers and more to enhance your diagnostic experience.

21 Maintenance Service

- Oil Reset • EPB Reset • TPMS
- BMS Reset • DPF Reset
- Sunroof Reset • SAS Reset



Software Coverage & Update For:

US/Asian/European Vehicles 1996 to Present, Including Supercars



| HIDDEN FUNCTIONS | |
|-------------------|--|
| TOYOTA, LEXUS: | Remote power window control, automatic locking, interior light setting, etc. |
| VW, AUDI: | locking sound, moving pointer, automatic window closing in a rainy day, etc. |
| NISSAN, INFINITI: | Power window, automatic locking, interior light setting, etc. |
| BMW: | Remote power window control, daytime driving lamp setting, etc. |
| SUBARU: | Remote power window control, automatic loking, etc. |
| BENZ: | Remote power window control, daytime driving lamp setting, etc. |
| PORSCHE: | Cancel child seat occupancy, rear view mirror folding delay, etc. |

| MODULE REPLACEMENT | |
|--------------------|--|
| FORD, MAZDA: | SRS replacement, cover still 2018 |
| TOYOTA, LEXUS: | Control module replacement |
| CHRYSLER: | Engine module, battery control module, gear box control module |
| VW, AUDI: | All modules replacement |
| HYUNDAI, KIA: | Control module replacement |
| PORSCHE: | All modules replacement |
| HONDA: | Control module replacement |

| ANT-THEFT&KEY MATCHING | |
|------------------------|---------------------------|
| TOYOTA,LEXUS: | Anti-theft & key matching |
| BUICK: | Key matching |
| MITSUBISHI: | Anti-theft & key matching |
| CHEVROLET: | Key matching |
| GMC: | Key Matching |
| GM: | key matching |
| FORD, MAZDA: | key matching |

| ANT-THEFT&KEY MATCHING | |
|------------------------|---------------------------|
| CHRYSLER: | Key matching |
| NISSAN: | Anti-theft & key matching |
| SUBARU: | Anti-theft & key matching |
| HONDA: | key matching |
| ACURA: | key matching |
| CADILLAC: | key matching |
| INFINITI: | Anti-theft & key matching |

PHOENIX PLUS



10

11

DIAGNOSTIC DEVICE

120+ CAR BRANDS

- All System Diagnosis
 - AutoVIN Technology
- 28+ Maintenance Services
 - Bluetooth Wireless



TECHNICAL SPECIFICATIONS

| | | | |
|-----------------------|------------------------|----------------|---------------------------|
| Operating System: | Android 10.0 | CPU: | 4 -core Processor, 2.0Ghz |
| Display: | 10.1" Touch Screen | Memory: | 4GB |
| Hard Disk: | 64GB | Connectivity: | Ethernet/Wi-Fi |
| Camera: | 8.0MP Rear | Sensor: | Gravity Accelerometer |
| Android Input/Output: | Microphone Speakers | Input Voltage: | DC 5V/3A |
| Power Consumption: | Max. 20W | Working Temp: | 32°F~122°F(0°C~50°C) |
| Storage Temp: | -4°F~140°F(-20°C~60°C) | Dimensions : | 10.91 x 7.51 x 1.75inches |
| Weight: | 3.43lbs(1555g) | | |

FEATURES

- Diagnosis: ECU Coding, Active Test, All Available System Diagnosis, etc.
- Maintenance Service: Oil, SAS, BMS, TPMS Reset, Throttle Matching, etc.
- Coverage: Cover 120+ Vehicle Brands Across the Global
- Guided Function: Simple Step-by-Step Procedures at Fingertips
- Operation: One-Touch AutoVIN; Smart Automatic Diagnosis
- Design: 2.0GHz 4-Core Processor; 10.1" Android Tablet; 6,000mAh Battery
- Memory: 4GB RAM & 64GB On-Board Memory
- Multilingual Menu: EN, FR, DE, IT, ES, PT, JP, RU

PARAMETERS

- Screen: 10.1" Touchable IPS; 1280*800
- OBDII Input Voltage: 9V~18V
- Storage Temperature: -4°F~140°F (-20°C~60°C)
- Operating Temperature: 32°F~122°F (0°C~50°C)
- Size: 10.91 x 7.51 x 1.75inches (277.3 x 190.8 x 44.5mm)
- Net Weight: 3.43lbs(1555g)

| | Phoenix Pro | Phoenix Plus |
|----------------------|----------------------------------|---------------|
| ROM | 64GB | 64GB |
| Battery Capacity | 12000MAH | 6000MAH |
| Screen Size | 12 inch | 10.1 inches |
| CONNECTIVITY | VCI/Bluetooth | VCI/Bluetooth |
| All System Diagnosis | ✓ | ✓ |
| DTC Repair Guide | ✓ | ✗ |
| Maintenance Service | 21+ | 28+ |
| ECU Replacement | ✓ | ✓ |
| Online Programming | Benz, BMW, Porche, VW, Audi, etc | ✗ |
| Online Coding | ✓ | ✓ |

SMARTER DIAGNOSTICS

7" SCREEN

AFFORDABLE

- Coding & Activation
 - Bi-Directional Diagnostics
 - Diagnostic Health Report
- Advanced Maintenance Services
 - Wide Vehicle Coverage



The advanced professional level diagnostic tablet makes excellent use of the most recent technological developments. Based on Android 7.0, the 7" touchable tablet is easier to read and navigate and more portable than average car diagnostic tools. Features extensive coverage on most vehicle models with robust diagnostic capabilities, such as 11 maintenance service functions, advanced coding & adaptations, bi-directional controls, and access to all modules in all systems with AutoSCAN and AutoVIN (2006+), with

accurate detection data and more. The inclusion of VCI adapter and a rechargeable battery means you can use it without wires. Its 5.0MP rear-facing camera with AF is perfect for capturing every repair. The hi-res display (1024*600) makes it easy to capture the smallest details. Software and vehicle coverage is updatable via WiFi, 2 years of free, with 2 years of warranty. Having this smart scanner on your side makes any mechanic's job faster and more productive.

TECHNICAL SPECIFICATIONS

| | | | |
|-----------------------|--------------------------|----------------------|-------------------------------|
| Operating System: | Android 7.0 | CPU: | 1.3GHz Quad-core |
| Display: | 7" Touch Screen | Memory: | 2GB |
| Hard Disk: | 32GB | Connectivity: | Wi-Fi(802.11 b/g/n)/Bluetooth |
| Camera: | 5.0MP Rear-Facing Camera | Input Voltage: | DC 5V/2A |
| Android Input/Output: | Microphone /Speakers | Power Consumption: | Max. 20W |
| Working Temperature: | 32~122°F (0°C~50°C) | Storage Temperature: | -4~158°F (-20°C~70°C) |
| Weight: | 1.51lbs(685g) | Dimensions : | 8.07 x 5.11 x 2 inches |
| Warranty: | 2 year | | |



ESSENTIALS FOR PROFESSIONALS



DIAGNOSTIC TABLET

4SYSTEM ACCESS

- Four System Diagnostics
 - Graphic Live Data
- AutoVIN Technology
 - 5" Touchable Android



Android based OBD II Diagnostic Scan Tool

ARTIDIAG500: Diagnose PCM, Automatic Transmission, ABS and SRS System with our entry level Android based scan tool. Quickly and effectively access all modes of OBDII. Featuring a 5" Touch screen and easy 1-touch update the ArtiDag500 is a convenient and handy tool that makes collecting and reading diagnostic information fast and easy.

Android based OBD II Diagnostic Scan Tool with Service Resets

ARTIDIAG600: Featuring Service Resets the ArtiDag600 expands upon the proven capabilities of our ArtiDag500 and allows the user to perform the following service functions including Oil, SAS, EPB, TPMS Resets and Throttle Body Relearns.

| | ArtiDag500 | ArtiDag600 | ArtiDag700 |
|-------------------|------------|------------|----------------------|
| Display | 5-inchTFT | 5-inchTFT | 5-inchTFT |
| Battery | 6100mAh | 6100mAh | 6100mAh |
| OBDII Code Reader | ✓ | ✓ | ✓ |
| Full System | ✗ | ✗ | ✓ |
| Engine | ✓ | ✓ | ✓ |
| Transmission | ✓ | ✓ | ✓ |
| ABS | ✓ | ✓ | ✓ |
| SRS | ✓ | ✓ | ✓ |
| Data Stream | ✓ | ✓ | ✓ |
| Read ECU infor | ✓ | ✓ | ✓ |
| Service Funcion | ✗ | 5 | 16+ |
| ECU Coding | ✗ | ✗ | ✓ |
| Vehicle Coverage | 40+ | 40+ | 3(Pay to add models) |

TECHNICAL SPECIFICATIONS

| | | | |
|------------------------|--|------------------|--------------------|
| Diagnosis: | Engine/TCM/ABS/SRS Diagnosis: Read/Clear DTCs, Live Data, etc. | | |
| Maintenance Services: | Oil, SAS, EPB, TPMS Reset & Throttle Matching | | |
| Coverage: | Most 1996 & Newer Worldwide OBDII & CAN Vehicles | | |
| Operation: | AutoVIN Fast Identification; Automatic Report Generation | | |
| Data: | Record & Review, Print via PC | | |
| Screenshot: | One-Touch Screenshot to Capture Images for Reference | | |
| Updates: | One-Touch Update via Wi-Fi Wireless Network | | |
| Design: | Android Tablet | Screen: | 5" TFT; 1280 x 720 |
| Multilingual Menu: | EN, FR, ES, DE, IT, RU, PT, JP, KR | Input Voltage: | 9V~18V |
| Storage Temperature: | -4°F~158°F (-20°C~70°C) | Battery: | 6100mAh |
| Operating Temperature: | 14°F~122°F (-10°C~50°C) | Software Update: | Free |
| Size: | 9.13 x 4.96 x 1.34 inches(232 x 126 x 34 mm) | Net Weight: | 19.93 oz (<565 g) |
| Warranty: | 1 year | | |

DIAGNOSTIC TABLET | 16+ MAINTENANCE SERVICES

- All System Diagnosis
- 16+ Maintenance Services
- One-Touch AutoVIN
- 5" Android Tablet



Android based OBD II Diagnostic Scan Tool

The feature rich ArtiDiag700 adds full level diagnostic capabilities for 3 brands of your choice with the ability to add additional brands. Empowering the advanced DIYer with professional level functionality.

TECHNICAL SPECIFICATIONS

| | | | |
|-----------------------------|-------------------------------|-------------------------------|-------------------------|
| Design: | Android Tablet | RAM: | 2GB |
| Display: | 5-inch TFT; 1280*720 | ROM: | 16GB |
| Input Voltage: | 9~18V | Battery: | 6100mAh |
| Diagnosis: | Full System Diagnosis | Maintenance Service: | 16+ |
| Vehicle Coverage: | 3(Pay for additional vehicle) | Automatic Detection: | Auto Vin/Auto Scan |
| Storage Temperature: | -4°F~158°F (-20°C~70°C) | Operating Temperature: | 14°F~122°F (-10°C~50°C) |
| Size: | 9.13 x 4.96 x 1.34 inches | Net Weight: | 1.39lbs(630g) |
| Weight: | 4.23lbs(1920g) | | |

DIAGNOSTIC TABLET | 15 MAINTENANCE SERVICES

- All System Diagnosis
- 15 Maintenance Services
- One-Touch AutoVIN
- 7" Android Tablet



Android based Mid-Level Diagnostic Powerhouse

Full system diagnostics for your entire vehicle network. Quickly and easily find faults in all of your automotive computer systems. Packed with an array of special functions allowing you to complete the most common repair and maintenance services.

TECHNICAL SPECIFICATIONS

| | | | |
|------------------------------|-------------------------|-----------------------------|--------------------------|
| Operating System: | Android Tablet | CPU: | 4-core Processor, 1.0GHz |
| Display: | 7-inch TFT; 1024*600 | RAM: | 2GB |
| Hard Disk: | 16GB | Connectivity: | Ethernet/Wi-Fi |
| Camera: | 2.0MP Front-Facing | Sensor: | Gravity Accelerometer |
| Android Input/Output: | Microphone Speakers | Input Voltage: | DC 5V/2A |
| Power Consumption: | Max. 20W | Working temperature: | 14°F~122°F (-10°C~50°C) |
| Storage temperature: | -4°F~158°F (-20°C~70°C) | Dimensions : | 9.64 x 4.86 x 1.45inches |
| Net Weight: | 1.83lbs (830g) | | |

DIAGNOSTIC TABLET

28 MAINTENANCE SERVICES

- One-Touch AutoVIN
 - Wireless VCI Connection
 - Graphic Live Data
 - 5.99" Android Tablet

With the freedom to move around during your entire vehicle diagnostic work. Get access to full system to quickly and easily find faults in all of your automotive computer systems. Packed with an array of 28 maintenance service functions allowing you to complete the most common vehicle repair and maintenance for your business that has never been greater.

| TECHNICAL SPECIFICATIONS | |
|--------------------------|-------------------------|
| Battery Capacity: | 3100mAh/7.6V |
| Working Voltage: | ≤2.5A |
| Working Current: | 720 x 1440 Pixels |
| Working Environment: | 32°F~122°F (0°C~50°C) |
| Storage Environment: | -4°F~140°F (-20°C~60°C) |



FEATURES

- Diagnosis:

OBDII; Multi-System Access: Read/Clear DTCs, DataStream, etc.
- Maintenance Services:

Oil, SAS, BMS, TPMS Reset, Throttle Matching, etc.
- Coverage:

Most 1996 & Newer Worldwide OBDII & CAN Vehicles
- Operation:

VCI Bluetooth Wireless Diagnosis; One-Touch AutoVIN
- Data:

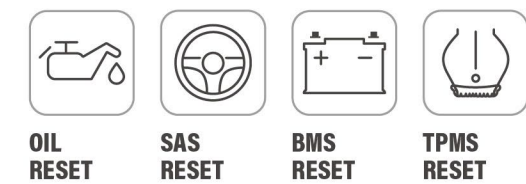
Record & Replay; Print via PC
- Update:

Update with One-Touch
- Design:

Android Tablet; 5.99" Touchable Screen; 3,100mAh Battery
- Memory:

2GB RAM & 16GB On-Board Memory
- Multilingual Menu:

EN, FR, ES, DE, IT, RU, PT, JP



DIAGNOSTIC DEVICE

15 MAINTENANCE SERVICES

- Combination of App & Adapter
 - Android & iOS Compatible
- All System Diagnosis
 - Graphic Live Data Display
- Multilingual Menu

| TECHNICAL SPECIFICATIONS | |
|--------------------------|--------------------------|
| Working Voltage: | 9V~18V |
| Working Current: | ≤60mA |
| Storage Temperature: | -4°F ~140°F (-20°C~60°C) |
| Operating Temperature: | 32°F~122°F(0°C~50°C) |
| Net Weight: | 1.14oz(40g) |

Uses the plug-in connector to the DLC's port and SmartDiag Mini App via an iOS & Android smart phone, or tablet, and transmits diagnostic data along with a variety of diagnostic functions. The 2 in 1 combination system quickly performs a full scan on all vehicle modules including commonly used maintenance services featured, without a dedicated scanner for more convenient repair work.



FEATURES

- Diagnosis:

All Available System Diagnosis: Read/Clear DTCs, Live Data, etc.
- Maintenance Service:

Oil, SAS, BMS, TPMS Reset, Throttle Matching, etc.
- Coverage:

Most Modern OBDII & CAN Vehicles Worldwide
- Highlights:

Monitor and Diagnose the Car Performance on Your Smart Devices
- Compatibility:

Android 5.0 & iOS 9.0, and above
- Operation:

Paired with Exclusive TOPDON SmartDiag Mini Application
- Connection:

Wireless Bluetooth 4.2
- Multilingual Menu:

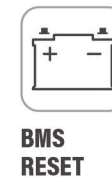
EN, FR, ES, DE, IT, RU, PT, JP



OIL
RESET



SAS
RESET



BMS
RESET



TPMS
RESET

CODEREADER

—ARTILINK—



OBD2 SCANNER | BASIC SOLUTIONS

- Insight into Car Health
- Assist in DIY Repairs
- Prepare for Emission Test
- Save Cost and Time
- Cover OBDII & CAN Cars after 1996



OBDII Code Reader

ARTILINK200: The must have OBDII code reader for those looking for fast and accurate solution to engine and transmission system fault codes. The affordable Artilink200 allows the user to read and clear codes, check IM readiness status, display freeze frame data and VIN efficiently.

OBDII Scan Tool

ARTILINK300: For the user wanting more information, the Artilink300 supports all modes of OBD2 diagnostics. Providing freeze frame information, live data stream and an extensive DTC lookup library, all on a color screen display.

OBDII Scan Tool

ARTILINK500: The ultimate OBD2 scan tool, the Artilink500 is packed with features to enhance the user experience. Featuring a larger, easier to read 2.8" color screen, 1-touch IM readiness and help buttons with quick LED confirmation of codes. The lighted LED connector makes connecting a snap in the low light conditions. In addition the Artilink500 allows you to save data to later be printed when connected to a PC



| | ArtiLink100 | ArtiLink200 | ArtiLink300 | ArtiLink500 |
|---------------------|-------------------|------------------------|---------------------|--------------------|
| Button | 2 | 4 | 4 | 8 |
| Screen Size | Dot matrix screen | 128*64 Black and white | 1.77-Inch TFT color | 2.8-Inch TFT color |
| Read DTCs | ✓ | ✓ | ✓ | ✓ |
| Clear DTCs | ✓ | ✓ | ✓ | ✓ |
| Live Data | ✗ | ✗ | ✓ | ✓ |
| I/M Readiness | ✓ | ✓ | ✓ | ✓ |
| View Freeze Frame | ✗ | ✓ | ✓ | ✓ |
| O2 Sensor Test | ✗ | ✗ | ✓ | ✓ |
| Vehicle Information | ✓ | ✓ | ✓ | ✓ |
| DTC Look UP | ✗ | ✓ | ✓ | ✓ |
| Graphic Live Data | ✗ | ✗ | ✓ | ✓ |
| OBDII Connector LED | ✗ | ✗ | ✓ | ✓ |



DIAGNOSTIC DEVICE | 3 MAINTENANCE SERVICES

- ABS & SRS System Diagnosis
- LED Light for Illumination
- Free Lifetime Update
- 40+ Car Brands
- 3 Shortcut Keys
- Active Test

FEATURES

- Diagnosis: OBDII, ABS&SRS, Live Data, Active Test, More
 Maintenance Service: Oil, SAS & BMS Reset
 Coverage: Most 1996 & Newer Worldwide OBDII & CAN Vehicles
 LED Light: Illuminate the DLC Port
 DTC: Advanced DTC Query and HELP Function
 Shortcut Key: Read & Clear DTCs, I/M Test and HELP
 Design: 3.5" Color Screen, 3-Color Indicators for Quick DTC check
 PC Print: Data Record & Review, Print via PC
 Update: Free Lifetime Software Updates
 Multilingual Menu: EN, FR, ES, DE, IT, RU, PT, and JP



ABS
SYSTEM



SRS
SYSTE



OIL
RESET



SAS
RESET



BMS
RESET



OBDII
SCAN

OBDII Scan Tool with ABS & SRS

The new AL600 represents the pinnacle in the Artilink line of affordable DIY scan tools. Conveniently access OBDII ABS & SRS Systems and view live data on a large 3.5" color LCD screen. The Artilink 600 provides a quick and easy way to perform Oil, SAS and BMS Resets. Utilize the 1-click shortcuts to read OBD fault codes, clear codes and view I/M Readiness for rapid diagnosis.



INFRARED THERMOGRAPHIC CAMERA

300K PIXEL

- High Resolution Images
 - Real-time Responses
 - Live Readings
- Non-contact Target
 - Accurate and Precise



Quickly isolate cold spots, hot spots from sources of energy using the pistol grip ITC629 infrared thermographic camera, with cutting-edge thermal technology: -20°C to 450° C (-4°F to 842°F) Broad Temperature Range; 0.07°C Thermal Sensitivity; 220*160 Crisp Infrared Image Resolution; 35x26 Degrees Wide Field of View, Automatic Cold & Hot Spot Tracking, plus more, and easily view temperature data with 3.2" large full angle TFT screen.

Represent excellent value by helping greatly in automotive diagnostics to reveal problems such as: heated seats, brake performance, heated glass diagnosis, tire performance, internal engine issues and much more, serving as a magic-wand to explore your world in a whole new way.



| TECHNICAL SPECIFICATIONS | | | |
|----------------------------|---------------------------|---------------------------|-----------------------|
| Infrared Image Resolution: | 200 x 160 | Display Screen: | 3.2" full angle |
| LCD Resolution: | 320 x 240 | Visible Image Resolution: | 300,000 pixel |
| Field Angle: | 5" x 26" | Shortest Focus Length: | 0.15m |
| Thermal Sensitivity: | 32.2°F(0.07°C) | Measurement Accuracy: | ±2% |
| Emissivity: | 0.01~1.00 | Wavelength Coverage: | 8-14um |
| Focus Mode: | Fixed | Continuous Work Time: | 3 hours |
| Head Unite Size: | 3.54 x 4.13 x 8.78 inches | Work Temperature : | 0°C~45°C (32°F~113°F) |
| Frame Rate: | 9Hz | | |

KEY PROGRAMMING EASY MONEY MAKER



KEY PROGRAMMER

95% Vehicle Coverage

- Key Learning
 - PIN Reading
 - Unlimited Usage
- Remote Learning
 - Online Technical Assistance Center
 - 12Months Free Software Updates



TECHNICAL SPECIFICATIONS

| | | | |
|-------------------|--------------------------|--------------------|----------------------------|
| Operating System: | Rt-thread | CPU: | ARM Cortex-M4, 180MHz |
| Display: | 5.0" TFT LCD, 800 x 480 | Memory: | 256M RAM, 128M ROM, 16G SD |
| Material: | ABS Plastic Shell | Starting Time: | < 3s |
| Connectivity: | USB 1.1 | OBD Interface: | OBD-II 16PIN |
| Buzzer: | 85db/min at 10cm | Current: | 500mA(Typical) |
| Input Voltage: | DV 12V | Power Consumption: | 1.8W(typical) |
| Storage Temp: | -4°F~-122°F (-20°C~50°C) | Dimensions : | 9.11 x 5.57 x 1.38inches |
| Weight: | 1.06lbs (480g) | | |



Developed for the professional growth of automotive key programming, the T-Ninja 1000 provides an affordable way for technicians or locksmiths to keep up with the ever-increasing demand for immobilizer service in today's automotive marketplace. The unique in tool RFID slot provides faster programming for proximity keys and remotes, with extensive coverage for Asian, Domestic & European vehicles and is easily updated. The T-Ninja 1000 provides professional level IMMO features like All Keys Lost, Key Generation and Key Learning in a cost effective OBD key programming tool. With its real-time guided operation, immense online database, robust hardware, and intuitive software, the Topdon T-Ninja 1000 is an effective and easy-to-use key programming tool for any shop.

INTEGRATED RFID INDUCTION SLOT

- Reduce Human Error
- Matched With Device Database
- Easy To Use Guided Interface
- Data Detected Instantly
- Huge Online Database
- Step By Step Procedures

OVER 95% VEHICLE COVERAGE

The results show that T-Ninja 1000 has covered most mainstream car brands in the U.S. as Ford (Lincoln, Mercury, etc.), GM (Buick, Cadillac, Chevrolet, GMC, etc.), Chrysler (Chrysler, Dodge, Jeep) and many Japanese brands.

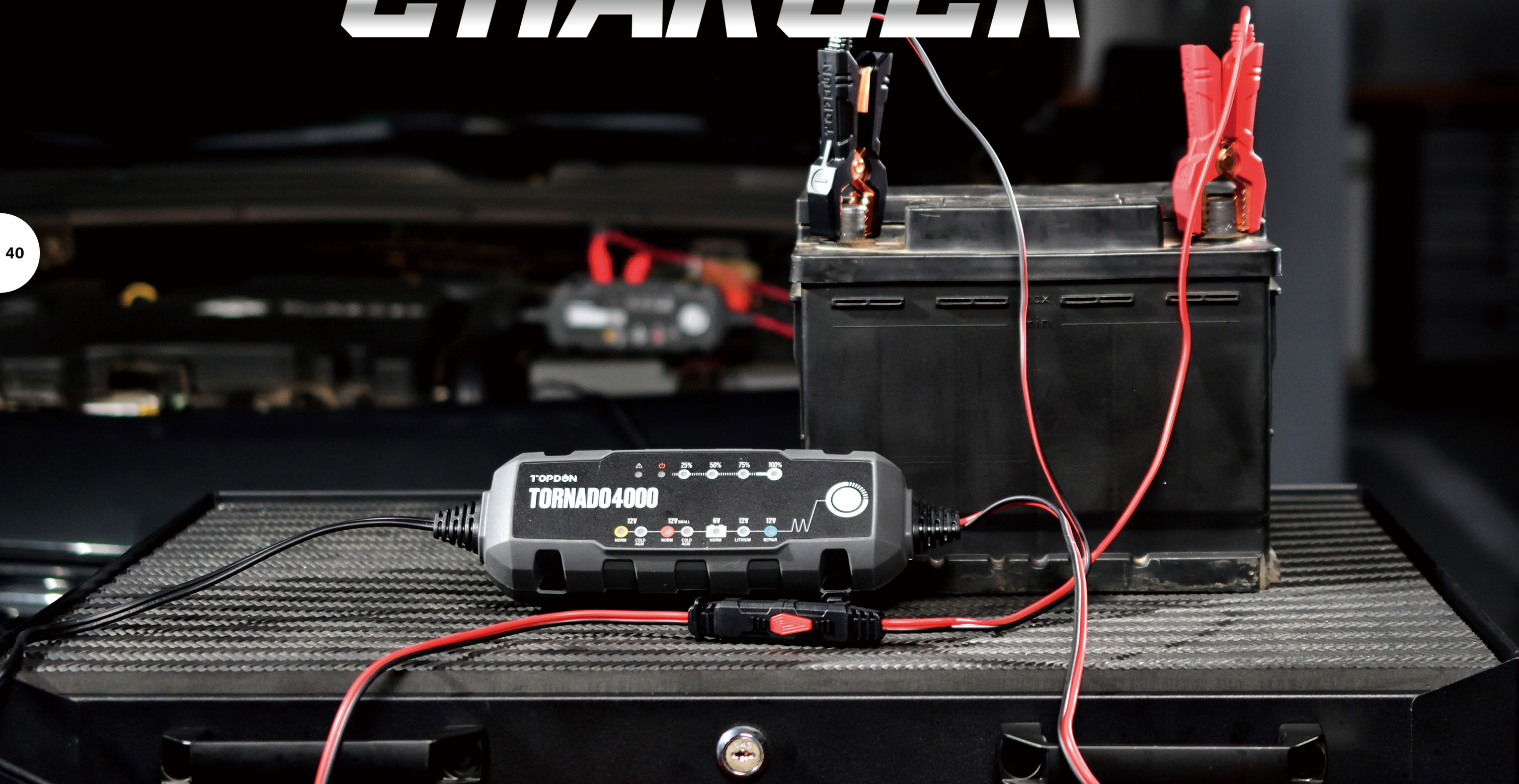
Extensive field testing by our technicians in North America insure a much more reliable tool than many competitors in the industry.

- **ASIA:**
Toyota, Lexus, Scion, Honda, Acura, Nissan, Infiniti, Hyundai, Kia, Mazda, Mitsubishi, Suzuki, Subaru, Isuzu, Ssang Yong
- **NORTH AMERICA:**
Chrysler, Dodge, Jeep, Ford, Lincoln, Mercury, Chevrolet, Buick, GM, Cadillac, Hummer, GMC
- **EUROPE:**
Ford EU, Fiat, Opel, Jaguar, Landrover, SAAB, Maserati, Renault
- **OTHERS:**
Au Ford, Holden, Mahindra, TATA, Maruti-Suzuki

*For vehicle comparability check, visit the TOPDON T-Ninja 1000 official site (www.topdon.com) for details.

BATTERY CHARGER

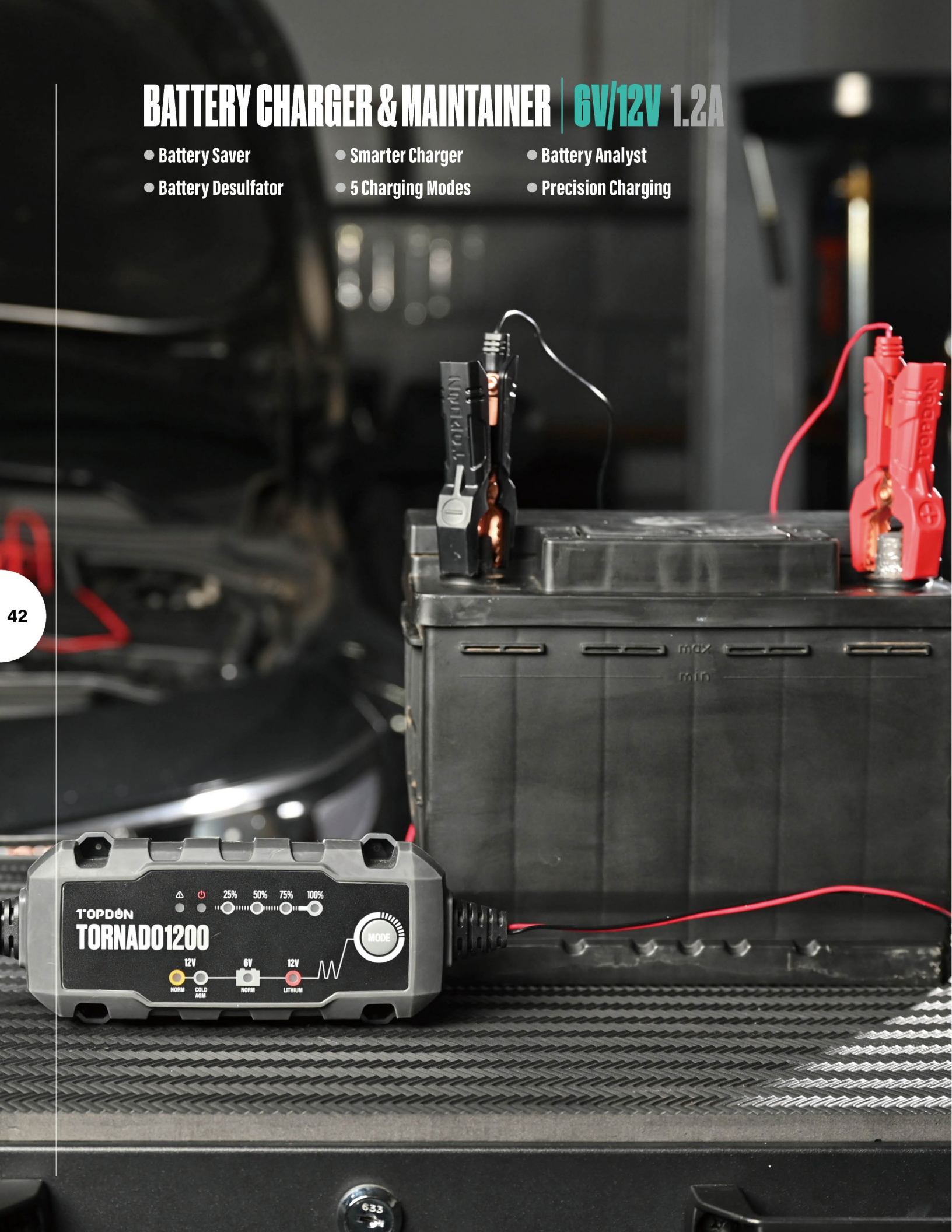
40



41

BATTERY CHARGER & MAINTAINER | 6V/12V 1.2A

- Battery Saver
- Smarter Charger
- Battery Analyst
- Battery Desulfator
- 5 Charging Modes
- Precision Charging



■ TECHNICAL SPECIFICATIONS



Battery Charger/Maintainer

The Tornado1200 is a 6V/12V, Lead-Acid Battery and Lithium Ion Battery charger that features multi-step protection. Featuring 5 unique charging modes to suit requirements for small and large batteries even in cold temperatures. The unique 5-step charging process ensures the best possible maintenance technology for your battery.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-------------------------|---------------------|---------------------------|
| Input Voltage AC: | 100-240VAC,50-60Hz | Working Voltage AC | 100-240VAC,50-60Hz |
| Efficiency: | 85% Approx | Power: | 25W Max |
| Charging Voltage: | Various | Charging Current: | 1.2A(12V)1.2A(6V) |
| Low-Voltage Detection: | 1V(12V), 1V(6V) | Back Current Drain: | <5mA |
| Working Temp: | -4°F~104°F (-20°C~40°C) | Storage Temp: | -4°F to 130°F(-20°C~54°C) |
| Charger Type: | 5 Steps, Smart Charger | Type of Batteries: | 6V & 12V |
| Battery Capacity: | 10 to 80Ah(6V&12V) | Waterproof: | IP65 |
| Cooling: | Natural Convection | Dimensions: | 6.8 x 2.8 x 1.6inches |
| Weight: | 1.02lbs(465g) | | |

BATTERY CHARGER & MAINTAINER

6V/12V 4.0A

- Battery Saver
 - Battery Analyst
 - Restore Battery
- Smarter Charger
 - 8 Charging Modes
 - Extend Battery Life



Battery Charger/Maintainer

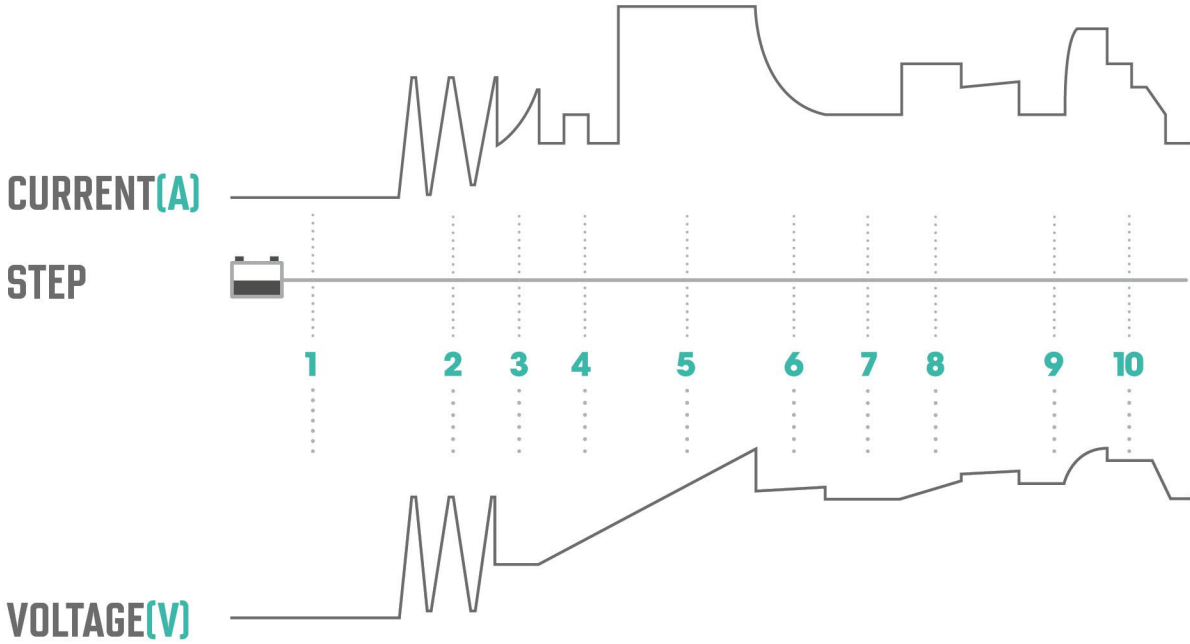
The Tornado4000 incorporates our 10-step smart charging process that will allow you to charge and repair batteries more quickly and effectively. 8 charging modes for a wide variety of batteries and multiple safety protections offering optimum battery maintenance.

TECHNICAL SPECIFICATIONS

| | | | |
|------------------------|------------------------|---------------------|---------------------------------|
| Input Voltage AC: | 100-240VAC,50-60Hz | Working Voltage AC | 100-240VAC,50-60Hz |
| Efficiency: | 85% Approx | Power: | 65W Max |
| Charging Voltage: | 12V/6V | Charging Current: | 4A(12V)4A(6V) |
| Low-Voltage Detection: | 2V(12V) | Back Current Drain: | <5mA |
| Working Temp: | 14°F~104°F(-10°C~40°C) | Storage Temp: | -4°F~167°F(-20°C~75°C) |
| Charger Type: | 9 Steps, Smart Charger | Type of Batteries: | Wet, Gel, MF, CA, EFB, AGM, LIB |
| Battery Capacity: | 120Ah | Waterproof: | IP65 |
| Cooling: | Natural Convection | Dimensions: | 8.07 x 3.0 x 1.8inches |
| Weight: | 1.20lbs(545g) | | |



10-STEP Smart Charging

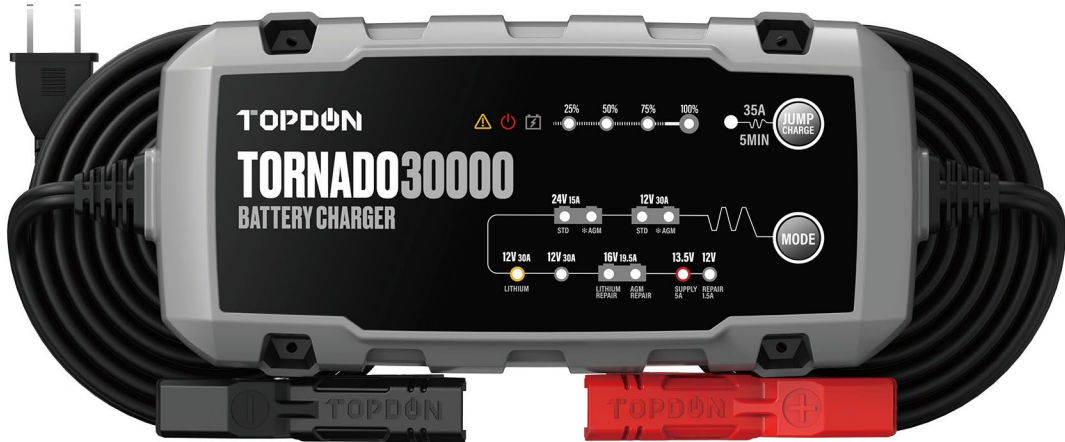


- 1 Battery Analysis & Diagnosis
- 2 Battery Desulphation
- 3 Soft Start
- 4 Battery Initialization
- 5 Battery Bulk Charge
- 6 Absorption Mode
- 7 Battery Recondition
- 8 Battery Optimization
- 9 Battery Float Charge
- 10 Battery Restart Charge



BATTERY CHARGER & MAINTAINER | 6V/12V/24V 30A

- Battery Saver
- Smarter Charger
- Battery Analyst
- Up to 30A Charging Current
- Multiple Protection
- Constant Voltage Output



Battery Charger/Maintainer

T30000 is a high-efficiency and energy-saving battery charger product. With a 9-step smart charging process that allows you to charge and maintain the battery quickly and efficiently; multiple charging modes are better compatible with multiple battery types, Make the charging process safer.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|------------------------|---------------------|--|
| Input Voltage AC: | 100-240VAC,50-60Hz | Working Voltage AC | 100-240VAC,50-60Hz |
| Efficiency: | 85% Approx | Power: | 450W Max |
| Charging Voltage: | 2V(12V), 15.5V(24V) | Charging Current: | 6V/30A 12V 30A 24V/15A |
| Low-Voltage Detection: | 2V(12V), 2V(6V) | Back Current Drain: | <5mA |
| Working Temp: | 14°F~104°F(-10°C~40°C) | Storage Temp: | -4°F~167°F(-20°C~75°C) |
| Charger Type: | 9 Steps, Smart Charger | Type of Batteries: | Wet, Gel, MF, CA, EFB, LIB, VRLA, CA, EFB, AGM |
| Battery Capacity: | 120Ah | | |
| Cooling: | Air Cooling | Waterproof: | IP20 |
| Dimensions: | 10.3 x 4.5 x 2.4inches | | |

BATTERY CHARGER & MAINTAINER | 6V/12V/24V 90A

- Battery Saver
- Constant Voltage Output
- Smart Charger
- Multi-level Voltage Adjustable
- Battery Analyst
- Up to 90A Charging Current
- Multiple Protection
- LCD Real-time Status Display



Battery Charger/Maintainer

T90000 is a high-efficiency and energy-saving battery charger product. With a 9-step smart charging process that allows you to charge and maintain the battery quickly and efficiently; multiple charging modes are better compatible with multiple battery types, and multiple protections Make the charging process safer.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|--------------------------|---------------------|--|
| Input Voltage AC: | USA(100-120 VAC 50-60Hz) | Working Voltage AC | USA(100-120 VAC 50-60Hz) |
| Efficiency: | 85% Approx | Power: | 1300W Max |
| Charging Voltage: | 12V/24V/6V | Charging Current: | 6V/45A 12V 90A 24V/45A |
| Low-Voltage Detection: | 2V(12V), 15.5V(24V) | Back Current Drain: | <5mA |
| Working Temp: | 14°F~104°F(-10°C~40°C) | Storage Temp: | -4°F~167°F(-20°C~75°C) |
| Charger Type: | 9 Steps, Smart Charger | Type of Batteries: | Wet, Gel, MF, CA, EFB, LIB, VRLA, CA, EFB, AGM |
| Battery Capacity: | 800Ah | | |
| Cooling: | Air Cooling | Waterproof: | IP20 |
| Dimensions: | 16.5 x 10.8 x 5.5inches | | |

BATTERY TESTER



50

51

BATTERY TESTER

12V

- Battery Test
- Cranking Test
- Support In-vehicle and Out-of-vehicle Test
- Charging Test
- 6 Languages



Handheld Battery Tester

Great addition to your garage tools, the BT100 is priced for the DIY vehicle owner but accurate enough for the professional technician. The BT100 is a hand-held battery, cranking and charging system tester that uses the most advanced conductance testing technology and incorporates reverse polarity protection. Providing quick, accurate and efficient results.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-----------------------------------|-------------------|---------------------------|
| Subject: | BT100 | Charging Test: | ✓ |
| Test Voltage: | 12V | Built-in battery: | NO |
| Test Range: | 100~2000CCA | Print Data: | NO |
| Application: | Regular flooded, AGM ,EFB, GEL | Review Data: | ✓ |
| Display: | 2.0"Backlit LCD | Dimensions: | 5.37 x 2.97 x 0.89 inches |
| Test Standards: | CCA, BCI, CA, MCA, JIS, DIN, etc. | Weight: | 260(0.57lb) |
| Battery Test: | SOH, SOC, CCA, Voltage | Language: | 6 |
| Cranking Test: | ✓ | Warranty: | 1 year |

BATTERY TESTER

12V&24V CAR/TRUCKS

- Battery Test
- Cranking Test
- More Precise
- Support In-vehicle and Out-of-vehicle Test
- Charging Test
- 6 Languages



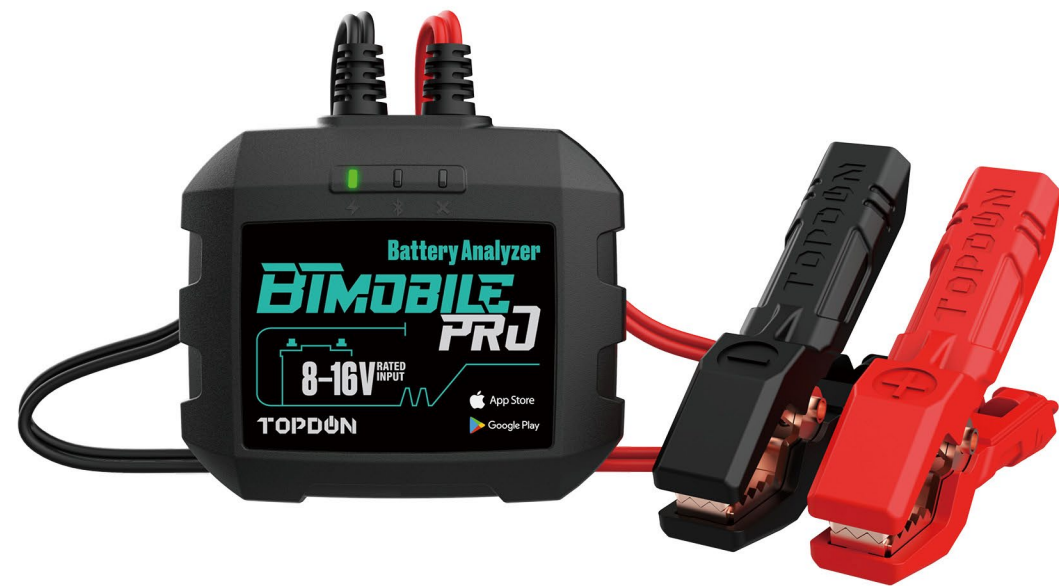
Handheld Battery Tester

Perfect for every technician's toolbox this hand held professional level battery starting and charging system tester, provides results in as little as 10 seconds. Featuring a 2.4 inch color screen, heavier gauge cables and clamps and the ability to test a wider array of batteries and systems.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-----------------------------------|-------------------|-----------------------|
| Subject: | BT200 | CHARGNG TEST: | ✓ |
| Test Voltage: | 12V&24V | Built-in battery: | NO |
| Test Range: | 100~2000CCA | Print Data: | NO |
| Application: | Regular flooded, AGM ,EFB, GEL | Review data: | ✓ |
| Display: | 2.4"Color Screen | Dimensions: | 7 x 3.72 x 1.3 inches |
| Test Standards: | CCA, BCI, CA, MCA, JIS, DIN, etc. | Weight: | 440g (0.97 lb) |
| Battery Test: | SOH, SOC, CCA, Voltage | Language: | 6 |
| Cranking Test: | ✓ | Warranty: | 1 year |

BATTERY TESTER | 12V CAR/TRUCKS

- Battery Test
- Charging Test
- Wireless Test
- System Test
- Suitable for Smartphone & Tablets



Bluetooth Battery Analyzer

Designed with powerful features for the professional technician in mind, the BT Mobile Pro is your go-to smartphone based battery/starting/charging system analyzer packed with all the professional level options needed. Install the free downloadable app on your Android or iOS smartphone or smart tablet and pair the BT Mobile Pro using the BT 4.0 application.

TECHNICAL SPECIFICATIONS

| | | | |
|-----------------|-----------------------------------|----------------------|---------------------------|
| Test Voltage: | 12V | LED Indicator: | 3 |
| Test Range: | 100~2000CCA | Bluetooth: | 4.0 |
| Application: | Regular flooded, AGM ,EFB, GEL | APP: | Y |
| Test Standards: | CCA, BCI, CA, MCA, JIS, DIN, etc. | Compatibility: | SmartPhones, Tablets |
| Battery Test: | SOH, SOC, CCA, Voltage | Working Temperature: | -20°C~65°C (-4°F~140°F) |
| Cranking Test: | Y | Storage Temperature: | -20°C~70°C (-4°F~158°F) |
| Charging Test: | Y | Dimensions: | 3.94 x 3.42 x 1.18 inches |
| Weight: | 260 g (9.17 oz) | | |

BATTERY TESTER | 12V CAR/TRUCKS

- Battery Test
- Charging Test
- Cranking Test
- System Test
- Wireless Test
- Suitable for Smartphone



Bluetooth Battery Tester

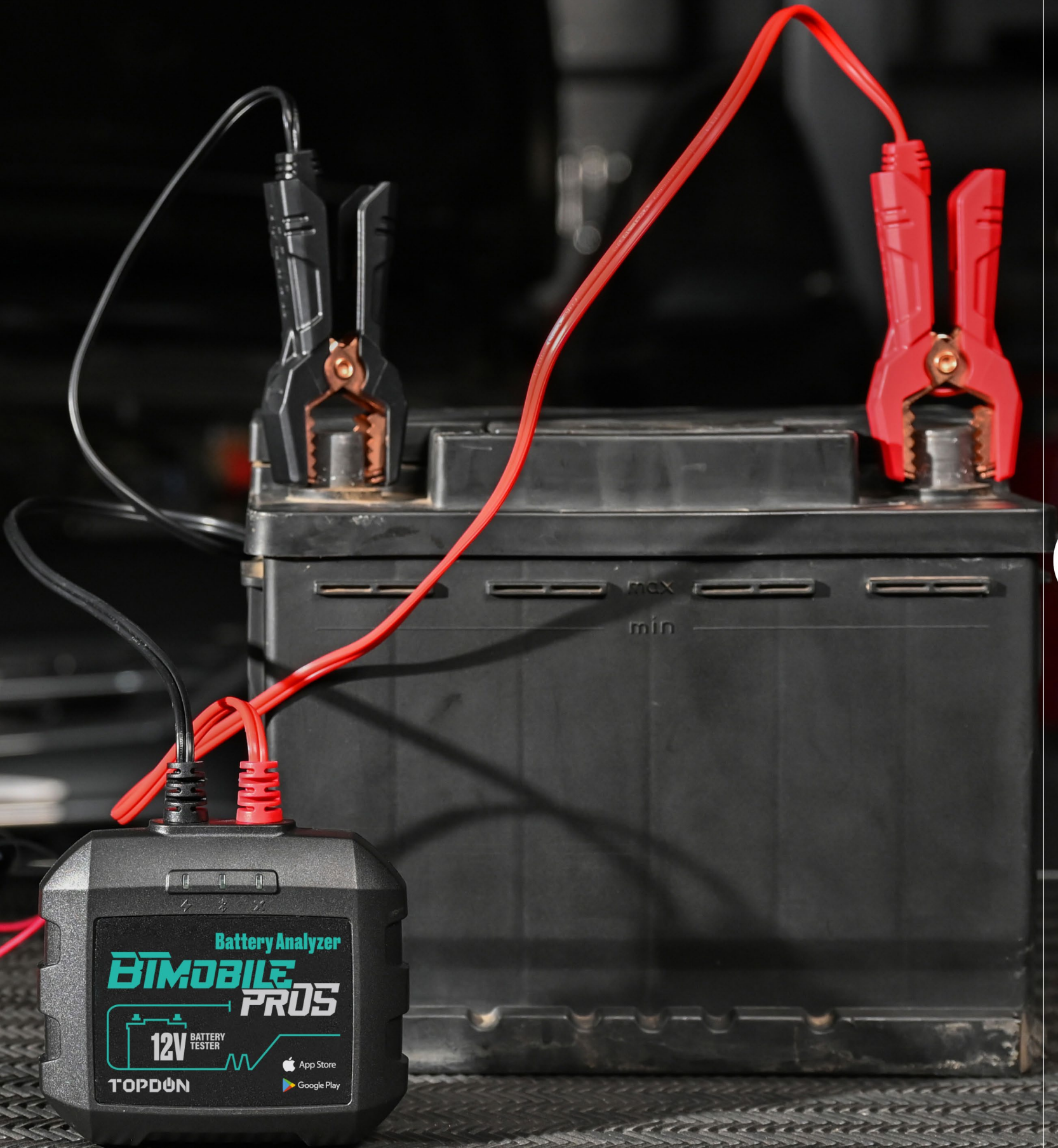
The most affordable and lightweight battery/starting/charging system analyzer packed with powerful features. Easy to use software for first time operators and smart enough for pro technicians to get the job done right the first time. Install the free downloadable app on your Android or iOS smartphone device and pair the BT Mobile Lite using the BT 4.0 application.

TECHNICAL SPECIFICATIONS

| | | | |
|-----------------|-----------------------------------|----------------------|---------------------------|
| Test Voltage: | 12V | LED Indicator: | 2 |
| Test Range: | 100~2000CCA | Bluetooth: | 4.0 |
| Application: | Regular flooded, AGM ,EFB, GEL | APP: | BT mobile |
| Test Standards: | CCA, BCI, CA, MCA, JIS, DIN, etc. | Compatibility: | SmartPhones |
| BATTERY TEST: | SOH, SOC, CCA, Voltage | Working Temperature: | -20°C~65°C (-4°F~140°F) |
| CRANKING TEST: | Y | Storage Temperature: | -20°C~70°C (-4°F~158°F) |
| CHARGING TEST: | Y | Dimensions: | 3.19 x 2.68 x 1.06 inches |
| Weight: | 250g (8.82 oz) | | |

Advanced level testing for battery, starting and charging systems, designed for professional technicians. The BT Mobile Pros provides the ultimate in flexibility with dual-Bluetooth for compatible connection to either smartphone application or integration with the Topdon Phoenix model diagnostic tools for a higher level of functionality. Additionally the BT Mobile Pros is compatible with the Autel and Launch scan tool software. Provides faster and more accurate test results for 12V batteries, or starting and charging systems to confirm issues in diagnostic health reports. Confirm the system health faster with results in under one minute to keep professionals productive all day.

| | BTMobile Lite | BTMobile Pro | BTMobile Pros |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Voltage | 12V | 12V | 12V |
| Range | 100-2000CCA | 100-2000CCA | 100-2000CCA |
| Display | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| APP | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Battery Test | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Cranking Test | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Charging Test | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| System Test | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Bluetooth | 4.0 | 4.0 | 4.0&3.0 |
| Review Data | Multiple | Multiple | Multiple |
| Battery Database | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |



BATTERY TESTER | 12V CAR/TRUCKS

- Battery Test
- Cranking Test
- Battery Reset
- Charging Test
- Built-in Printer
- Include BTMobile Pro



Handheld Battery Tester

Perfect for every technician's toolbox this hand held professional level battery starting and charging system tester, provides results in as little as 10 seconds. Featuring a 2.4 inch color screen, heavier gauge cables and clamps and the ability to test a wider array of batteries and systems.

TECHNICAL SPECIFICATIONS

| | | | |
|----------------|---------------------|---------------------|--------------------------------|
| Screen: | 3.5" TFT, 320 x 480 | Working Voltage: | 9~15V |
| Port Type: | Mini USB, DB15 | Working Temp: | 14°F~104°F (-10°C~50°C) |
| System: | RT-Thread | Battery Capacity: | 2,600mAh |
| Bluetooth: | 4.0 | Printer Type: | Thermal Printer |
| Battery Reset: | 28+ | Printer Dimensions: | 2.24 x 0.98 inches (57 x 25mm) |
| BTMobile Pro: | include | Dimensions: | 7.15 x 4.86 x 1.67 inches |
| Button: | Silicone | Weight: | 16.93 oz (480g) |
| Memory: | 2G | | |

BATTERY TESTER | 6V&12V

- Battery Test
- Cranking Test
- Battery Reset
- Charging Test
- Built-in Printer
- 28+ Vehicle Coverage



Handheld Battery Tester

Great addition to your garage tools, the BT100 is priced for the DIY vehicle owner but accurate enough for the professional technician. The BT100 is a hand-held battery, cranking and charging system tester that uses the most advanced conductance testing technology and incorporates reverse polarity protection. Providing quick, accurate and efficient results.

TECHNICAL SPECIFICATIONS

| | | | |
|----------------|----------------------|---------------------|--------------------------------|
| Screen: | 3.5" TFT, 320 x 480 | Working Voltage: | 9~15V |
| Port Type: | Mini USB, DB15, 4PIN | Working Temp: | 14°F~104°F (-10°C~50°C) |
| System: | RT-Thread | Battery Capacity: | 2,600mAh |
| Bluetooth: | NO | Printer Type: | Thermal Printer |
| Battery Reset: | 28+ | Printer Dimensions: | 2.24 x 0.98 inches (57 x 25mm) |
| BTMobile Pro: | NO | Dimensions: | 7.15 x 4.86 x 1.67 inches |
| Button: | Silicone | Weight: | 16.93 oz (480g) |
| Memory: | 2G | | |



BT700 PRO

JUMP STARTER | 12V CAR/TRUCK

- 1500Amps Peak
- 18000MAH
- DC Output
- Type-C Input
- QC3.0(18W)



Compact Jump Starter/Power Supply

Jumpstart vehicles with 12-volt batteries in seconds. This power packed unit can provide up to 25 jump starts from a single full charge and is compatible with cars, trucks, motorcycles, powersport vehicles, and lawnmowers equipped with 12V engines up to 8.0L Gasoline and 6.5L Diesel.

| TECHNICAL SPECIFICATIONS | | | |
|---------------------------|--------------------|----------------------------|---------------------------|
| Peak Amps: | 1500A | Working Temp: | -4°F ~158°F |
| Capacity: | 18000MAH | Over Discharge Protection: | 13V +/-0.5V |
| Type-C: | input 5V/3A | Dimensions: | 8.11 x 3.76 x 1.65 inches |
| Output 1: | QC3.0 5V/3A, 9V/2A | Weight: | 530g (1.17lb) |
| Output 2: | USB2.0 5V/2.1A | APP: | NO |
| DC Output: | 12~16.8V | Waterproof: | IP65 |
| Display: | 4 LED Indicator | Warranty: | 1 year |
| Short Circuit Protection: | Effective | | |
| Reverse Protection: | Effective | | |

JUMP STARTER | 12V CAR/TRUCK

- 2000 Amps Peak
- 20800MAH
- 10W Wireless
- Type-C In/Out
- LCD Display



Compact Jump Starter/Power Supply/Wireless Charger

Designed for cars, trucks, boats, motorcycles and mowers, the Volcano2000 is a 2000 Peak Amp jump starter and power bank for emergency jump starting, night illumination, outdoor activities and more. The built-in wireless charger also provides you with portable charging of your smartphone devices.

| TECHNICAL SPECIFICATIONS | | | |
|---------------------------|--------------------|----------------------------|---------------------------|
| Peak Amps: | 2000A | Reverse Protection: | Effective |
| Capacity: | 20800MAH | Working Temp: | -4°F ~158°F |
| Type-C: | in/out 5V/3A | Over Discharge Protection: | 13V +/-0.5V |
| Output 1: | QC3.0 5V/3A, 9V/2A | Dimensions: | 8.11 x 3.76 x 1.65 inches |
| Output 2: | USB2.0 5V/2.1A | Weight: | 600g (1.32lb) |
| DC Output: | 12~16.8V | APP: | NO |
| Wireless charge: | 10W | Waterproof: | IP65 |
| Display: | LCD | Warranty: | 1 year |
| Short Circuit Protection: | Effective | | |

27

V2000PRO

JUMP STARTER

12V CAR/TRUCK

- 2000Amps Peak
- Smart Clamp CP010
- 10W Wireless
- Type-C In/Out
- QC3.0(18W)
- DC Output
- LCD Display



Powerful and portable 2000A peak current lithium polymer battery charger packs the power when and where you need it most. Diverse power for use on automotive, marine, motorcycle, powersports, and agricultural applications you can trust. The included smart clamp lets you instantly know the connection status, vehicle battery voltage and alternator status so there are no mistakes. The Volcano2000 Pro 12V jump starter and power supply can start up to 10L gas engines and 8L diesel engines. The built-in wireless charger also provides you with portable charging of your smartphone devices.



| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|--------------------|----------------------------|---------------------------|
| Peak Amps: | 2000A | Short Circuit Protection: | Effective |
| Capacity: | 20800MAH | Reverse Protection: | Effective |
| Smart Clamp: | CP010 | Working Temp: | -4°F ~158°F |
| Type-C: | in/out 5V/3A | Over Discharge Protection: | 13V+/-0.5V |
| Output 1: | QC3.0 5V/3A, 9V/2A | Dimensions: | 8.11 x 3.76 x 1.65 inches |
| Output 2: | USB2.0 5V/2.1A | APP: | NO |
| DC Output: | 12~16.8V | Waterproof: | IP65 |
| Wireless charge: | 10W | Warranty: | 1 year |
| Display: | LCD | | |

JUMP STARTER | 12V CAR/TRUCK

- 20800MAH/76.96WH
- Wireless Mobile Test
- Type-C In/Out
- QC3.0(18W)
- 2000Amps Peak
- 10W Wireless Charging
- DC Output
- Smart Clamp CP020

Opens a whole new window in the jump starter industry and the ultimate solution for battery jump starting and testing. Now you can test the battery / starting or charging system to confirm if there are electrical issues before you charge the battery. Help pinpoint the trouble area and ensure the vehicle battery system is in good shape for safe and successful starting against short circuit, over voltage, under voltage, current backflow, over temp, and overload/excess connection time, all from one portable unit.

Install the free downloadable app on your Android or iOS smartphone device for the included Smart Clamp incorporating Bluetooth to pair with the BT 4.0 mobile application, to tell you the state of the battery's health, the state of its charge, and its internal resistance with clarity and ease, so ensure the car's battery is in working condition.

This 2000A peak current lithium-polymer jump starter also serves as a portable power bank letting you keep the phone, iPad, tablet and other gadgets' battery topped up on the go, with its massive power capacity.

Whether you need to jump start your vehicle, wirelessly charge your smartphone, or test your battery, the TOPDON V2000Pros has you covered.



V2000 PROs



| | V2000 | V2000Pro | V2000Pros |
|-------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Capacity | 20800MAH | 20800MAH | 20800mAH |
| Peak Amps | 2000A | 2000A | 2000A |
| 12V Power | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Smart Clamp CP010 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Smart Clamp CP020 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Battery Test | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| APP | <input type="checkbox"/> | <input type="checkbox"/> | BT MOBILE |

JUMP STARTER

12V CAR/TRUCK

- 3000A Lithium
 - Type-C In/Out
- 10L Gas/ 8L Diesel
 - QC3.0(18W)
- 10W Wireless
 - DC Output



Compact Jump Starter/Power Supply/Wireless Charger

Designed for cars, trucks, boats, motorcycles and mowers, the Vocano4000 is a 3000 Peak Amp jump starter and power bank for emergency jump starting, night illumination, outdoor activities and more. The built-in wireless charger also provides you with portable charging of your smartphone devices.

| TECHNICAL SPECIFICATIONS | | | |
|---------------------------|-------------------------|----------------------------|-------------------------------|
| Peak Current: | 3000A | Type-C: | 5V/3A 12V/3A 15V/3A 20V/2.25A |
| USB1 Output: | 5V/3A | USB2 Output: | QC18W 5V3A/9V2A/12V1.5A |
| DC Output: | 12~16.8V/10A | Wirless Charge: | 10W |
| Short Circuit Protection: | Effective | Reverse Protection: | Effective |
| Operation Temp: | -4F to 158F | Over Discharge Protection: | 13V+/-0.5V |
| Capacity: | 88.8WH/ 24,000mAh,14.8V | Gas Engines : | Up to 10Liters |
| Diesel Engines: | Up to 8.0Liters | APP: | NO |
| Waterproof: | IP65 | | |

POWER STATION

129.6Wh

- AC Outputs
 - For Outdoor Use
- Solar Generator
 - Multifunctionnal Outputs



Portable Power Station/Power SupplyCharger

TOPDON HURRICANO200 is a massive 200-watts capacity power station with portable compact travel-friendly design, weighing only 4.2 pounds. It is an excellent power source capable of powering small appliances and charging up to 7 smart devices at once. Overload, over-current and over-voltage protection ensures better charger utilization.

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|-----------------------------|----------------------|---|
| Subject: | H200 | Dimensions: | 4.7 x 3.9 x 9.4inches |
| Battery Capacity: | 36000MAH, 129.6WH | Weight: | 4.19lbs(1900g) |
| USB Output: | 5V/3.1A(Max) | Quick Charge Output: | QC3.0(5V/3A) |
| Charging Input: | DC 15V/2A | LED Light: | Support |
| Charging Time: | 6~7Hours | Solar Recharging: | Support |
| DC Power: | DC 9~12.6V/10A | Application: | Car Fridge, LED Light, Macbook, Drone, Laptop, Tablet, etc. |
| AC Power: | 200W(Continuous);250W(Peak) | | |
| AC Output: | AC 100-120V, 60Hz | | |





TOPGUN

TOPGUN

