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TECHNOLOGY  
IN YOUR GENETICS  
INTELLIGENCE  
IN YOUR HANDS



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# POWER & COVERAGE

## SMARTER DIAGNOSTICS



# PHOENIX PRO

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## 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



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## 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 locking, 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
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



# PHOENIX PLUS

2

## DIAGNOSTIC DEVICE | 120+ CAR BRANDS

- All System Diagnosis
- 28+ Maintenance Services
- AutoVIN Technology
- 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)		

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## 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

ROM	64GB	64GB
Battery Capacity	12000MAH	6000MAH
Screen Size	12 inch	10.1 inches
CONNECTIVITY	VCI/Bluetooth	VCI/Bluetooth
All System Diagnosis	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DTC Repair Guide	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Maintenance Service	21+	28+
ECU Replacement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Online Programming	Benz, BMW, Porche, VW, Audi, etc	<input type="checkbox"/>
Online Coding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Phoenix Plus

# PHOENIX LITE

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## SMARTER DIAGNOSTICS | 7" SCREEN AFFORDABLE

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



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:	1.5lbs(685g)	Dimensions :	8.07 x 5.11 x 2 inches
Warranty:	2 year		



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# ESSENTIALS FOR PROFESSIONALS



## DIAGNOSTIC TABLET | 4 SYSTEM ACCESS

- Four System Diagnostics
- AutoVIN Technology
- Graphic Live Data
- 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 ArtiDiag500 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 ArtiDiag600 expands upon the proven capabilities of our ArtiDiag500 and allows the user to perform the following service functions including Oil, SAS, EPB, TPMS Resets and Throttle Body Relearns.

	ArtiDiag500	ArtiDiag600	ArtiDiag700
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 1.45 inches
Net Weight:	1.83lbs (830g)		

## DIAGNOSTIC TABLET | 28 MAINTENANCE SERVICES

- One-Touch AutoVIN
- Graphic Live Data
- Wireless VCI Connection
- 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



OIL  
RESET      SAS  
RESET      BMS  
RESET      TPMS  
RESET



# SMARTDIAG MiNi

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## DIAGNOSTIC DEVICE | 15 MAINTENANCE SERVICES

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



### 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



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# CODE READER

-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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Clear DTCs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Live Data	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
I/M Readiness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
View Freeze Frame	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
O2 Sensor Test	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vehicle Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DTC Look UP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Graphic Live Data	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OBDII Connector LED	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# ARTILINK 600

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## 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



## OBDII Scan Tool with ABS & SRS

The new AL600 represents the pinnacle in the Artalink 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 Artalink 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.

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## INFRARED THERMOGRAPHIC CAMERA | 300K PIXEL

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



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 Unit 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
- Remote Learning
- PIN Reading
- Online Technical Assistance Center
- Unlimited Usage
- 12 Months 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 1.38 inches
Weight:	1.06lbs (480g)		



**D**eveloped 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

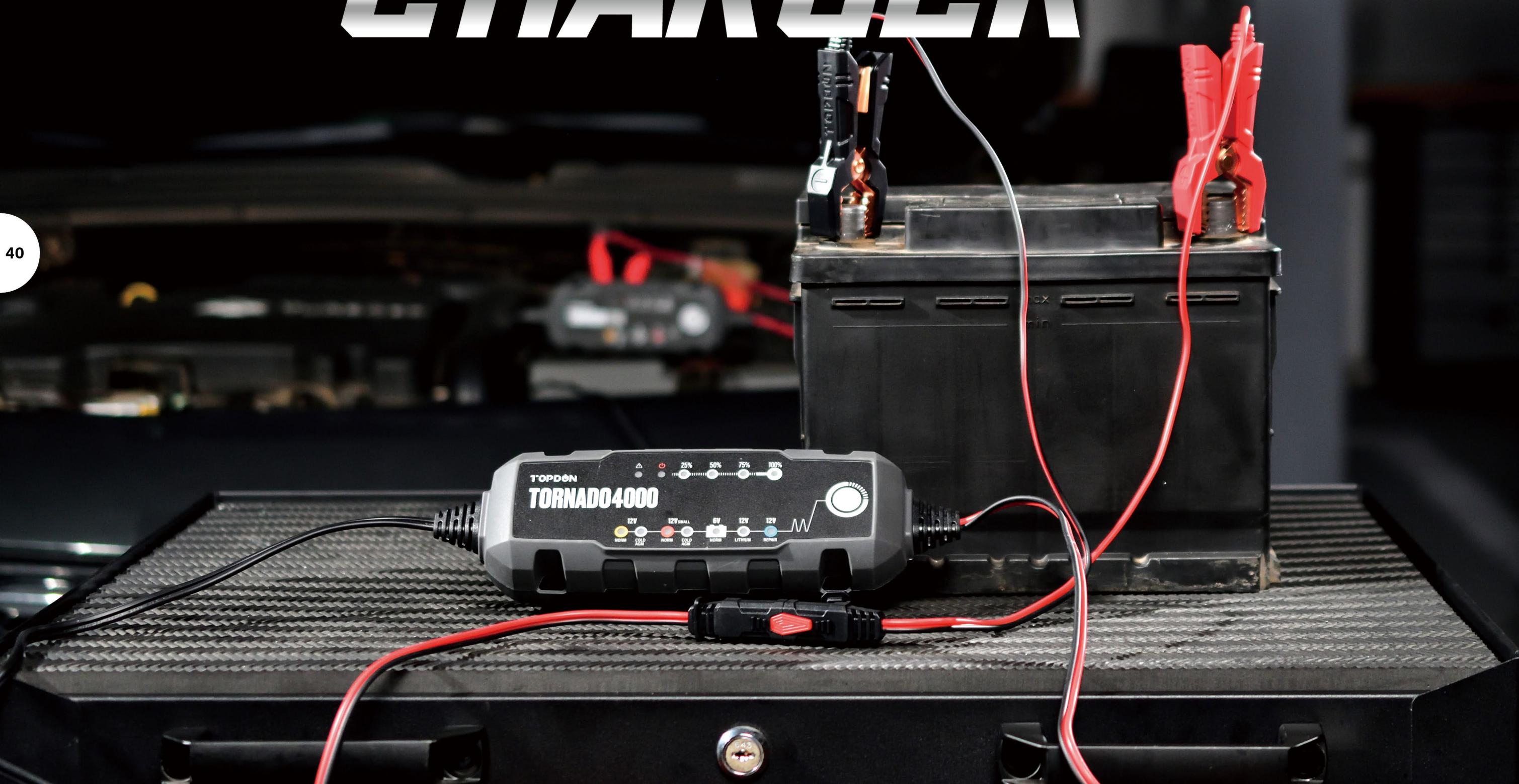
■ **NORTH AMERICA:**  
Chrysler, Dodge, Jeep, Ford, Lincoln, Mercury, Chevrolet, Buick, GM, Cadillac, Hummer, GMC

■ **EUROPE:**  
Ford EU, Fiat, Opel, Jaguar, Landrover, SAAB, Maserati, Renault

■ **OTHERS:**  
Au Ford, Holden, Mahindra, TATA, Maruti-Suzuki

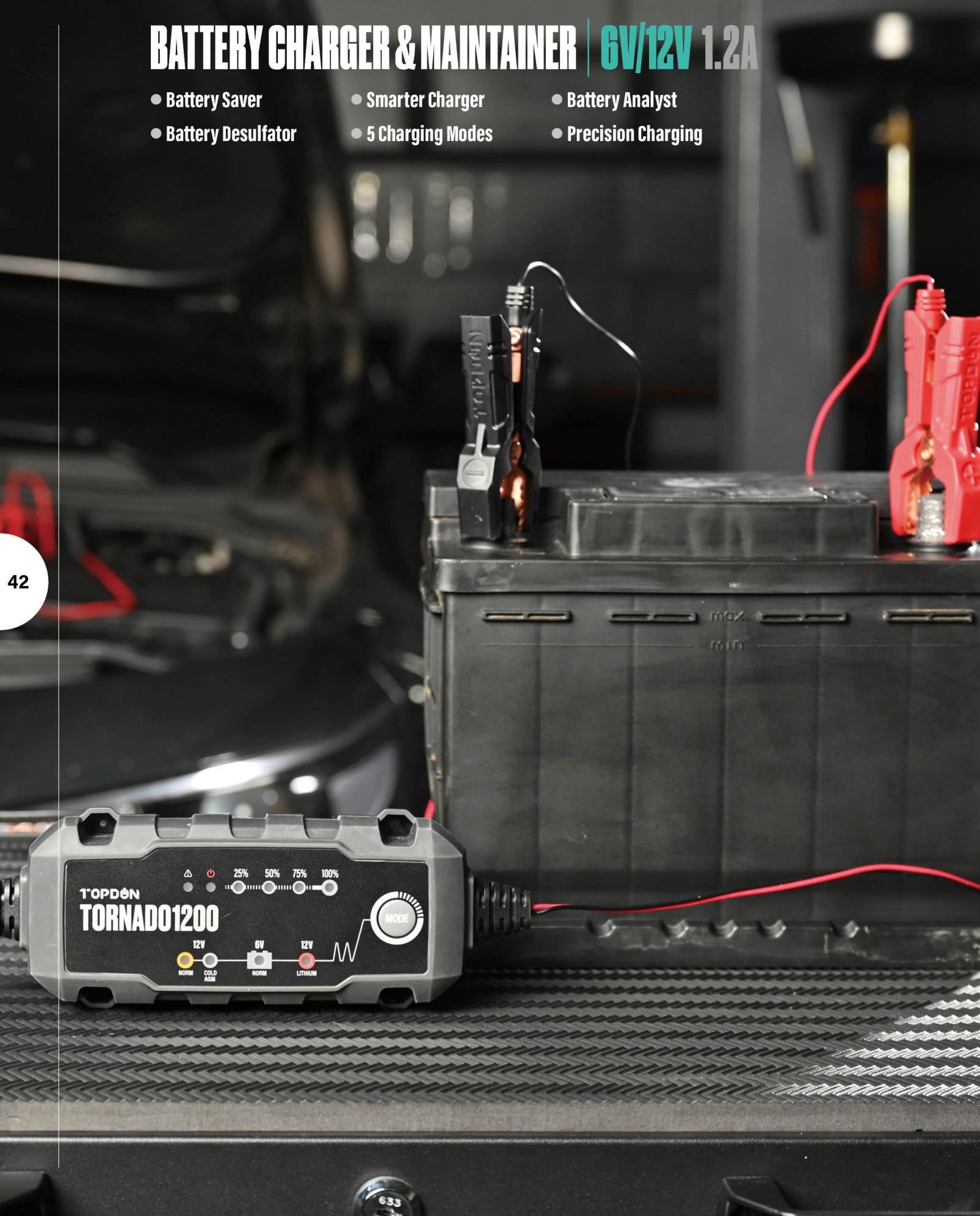
\*For vehicle comparability check, visit the TOPDON T-Ninja 1000 official site ([www.topdon.com](http://www.topdon.com)) for details.

# BATTERY CHARGER



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

- Battery Saver
- Smarter Charger
- Battery Desulfator
- 5 Charging Modes
- Battery Analyst
- 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
- Smarter Charger
- Battery Analyst
- 8 Charging Modes
- Restore Battery
- 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 1.8 inches
Weight:	1.20lbs(545g)		



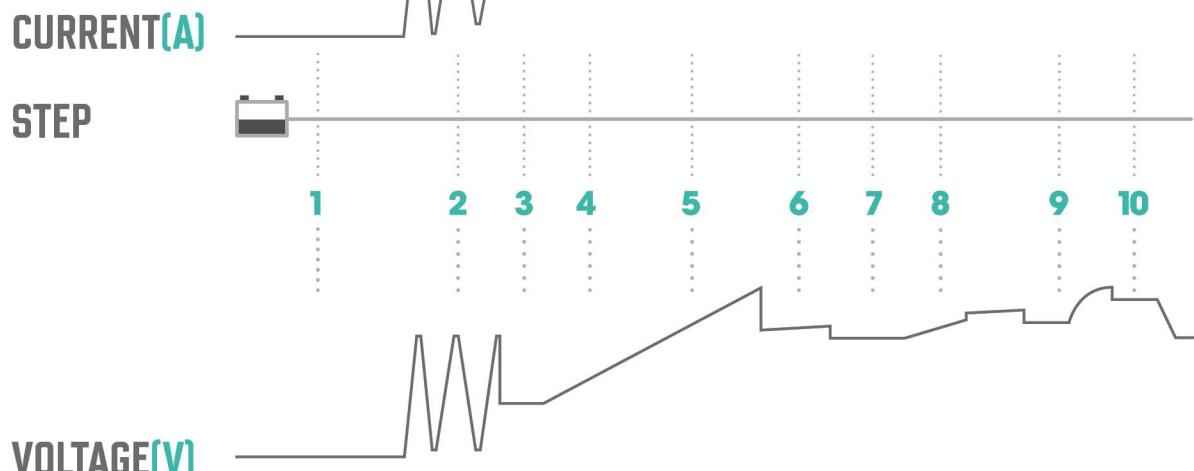
# 10-STEP Smart Charging



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	<b>1</b> Battery Analysis & Diagnosis		<b>2</b> Battery Desulphation		<b>3</b> Soft Start		<b>4</b> Battery Initialization		<b>5</b> Battery Bulk Charge
	<b>6</b> Absorption Mode		<b>7</b> Battery Recondition		<b>8</b> Battery Optimization		<b>9</b> Battery Float Charge		<b>10</b> 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**

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

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

# BATTERY TESTER



**BATTERY TESTER | 12V**

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

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

**Handheld Battery Tester**

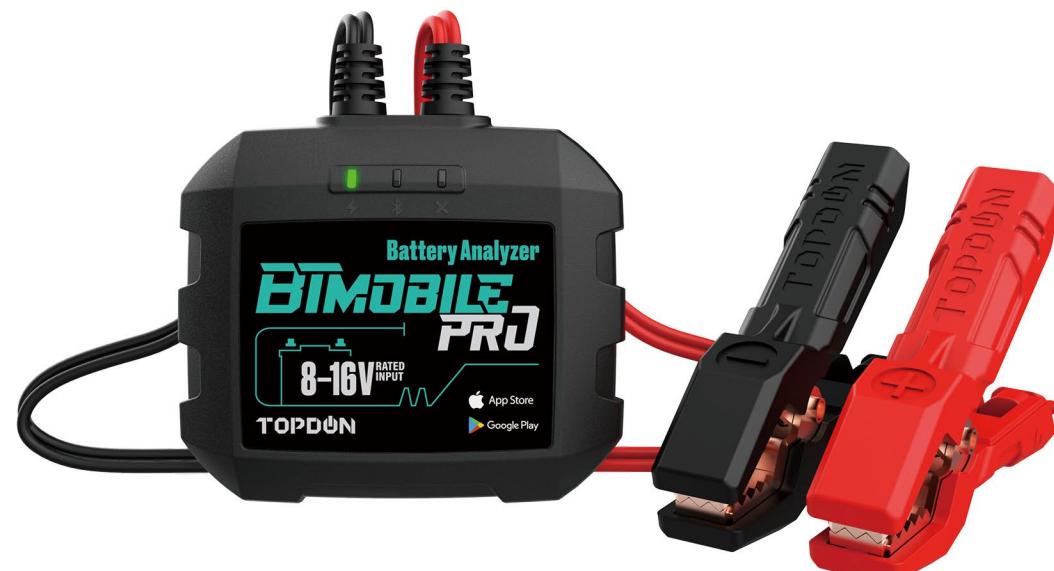
Perfect for every technician's toolbox this hand held professional level battery starting and charging system tester, provides results in as little as 10 seconds. Featuring a 2.4 inch color screen, heavier gauge cables and clamps and the ability to test a wider array of batteries and systems.

**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)		

# BT MOBILE LITE

# BT MOBILE PROs

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**A**dvanced 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
- Charging Test
- Cranking Test
- Built-in Printer
- Battery Reset
- 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
- Charging Test
- Cranking Test
- Built-in Printer
- Battery Reset
- 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		



## 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		

# VOLCANO PRO

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## JUMP STARTER | 12V CAR/TRUCK

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



**P**owerful 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		



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## 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

**O**pens 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



**JUMP STARTER | 12V CAR/TRUCK**

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

**Portable Power Station/Power Supply/Charger**

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		



