

TOPDON[®]

CATALOG BATTERY SERVICE



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BATTERY SERVICE

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Comparison Chart

DIAGNOSTIC TOOLS & KEY PROGRAMMER



SCAN FOR MORE TOPDON
SOLUTIONS

THERMAL IMAGING



SCAN FOR MORE TOPDON
SOLUTIONS

TOPDON makes automotive repair jobs an easier task. Whether you are professional, DIY enthusiast or beginner, you can experience the expertise with TOPDON. What TOPDON cares the most is to support customers from the very beginning of finding problems to solving the problems, and support them get what they need.

TOPDON was founded in 2017 and quickly gathered a group of automotive industry experts, DIY gearhead, and professional technicians to provide premium services for users. Used to be a pioneer of automotive aftermarket distribution channel for over 20 years, the founder knows what the clients want and he is trained to have keen eyes toward the industry, product, and clients. We focus on the current needs and prepare for future trends to always offer the best solutions for customers.

Whether it's one more solution or one more innovation, the smiles from our customers are the reason we keep going. Today, TOPDON has over 250 industry-leading engineers and owns over 500 patents and software Copyrights. We focus on making more accurate and efficient products and incorporating the newest technology into our products for our customers.

ABOUT TOPDON

BRAND MISSION

OUR MISSION:

WHAT DO WE DO?

TOPDON
Makes Automotive Repairs Easier

We are committed to evolving into a comprehensive automobile diagnosis solution provider, offering more than just tools. Our foremost priority is to assist clients throughout the entire process, from identifying issues to resolving them, with top-notch products and extensive customer support.

OUR VISION:

WHERE ARE WE GOING?

A One-stop Solution
Leading Provider For
Automotive Diagnosis



BRAND VISION

OUR VALUES:

WHO ARE WE?

PERSISTENCE

TOPDON has been dedicated to the automotive diagnostics industry for over two decades. We prioritize technology innovation and constantly enhance our user experience, striving each day to surpass our own previous achievements.

PASSION

Passion fuels our innovation. With unwavering dedication, TOPDON has experienced rapid growth, accumulating over 500 intellectual patents in technology and product development since its inception. We have invested tens of millions in research and development to continually enhance our products. Driven by passion, TOPDON is committed to achieving 100% satisfaction from both clients and partners.

PROFESSIONAL

TOPDON takes pride in its professionalism within the automotive aftermarket. Our core team boasts decades of collective experience in the industry. From R&D to production, marketing, and technical support, every department at TOPDON is committed to delivering professional-grade products and services.



2017

Established Shenzhen TOPDON Technology Co.

2018

Established TOPDON product brand center, assembled a professional branding team, and constructed a visual content film studio.

2019

Established a product development center and introduced trademark product categories, including "Automotive Diagnostic Tools", "Battery Service", and "Key Programmers".

2020

Released more than 20 new products.

2021

Established our US office and warehouse and released more than 20 new products to the global market.

2022

Established TOPDON EUROPE and expanded our market presence to over 60 countries. Established the TOPDON E-Mobility Center and successfully launched our inaugural EV charger.

2023

Expanding our market presence to 110+ countries, introducing 20+ new products to the market. We've also obtained ISO9001 certification.

BRAND HISTORY

BATTERY SERVICE

Battery Tester



BTMobile ProS

The BTMobile ProS represents an advanced wireless battery analyzer meticulously crafted for professional technicians seeking rapid 12V battery testing. Engineered with a focus on power, flexibility, and extensive compatibility, this tool features a dual Bluetooth connection. Seamlessly integrated with TOPDON's Phoenix Series of scanners, it delivers precise test results in under a minute, significantly enhancing your shop's productivity and minimizing downtime.




Battery Tester

BTMobile ProS

Features


Packing List

01




Compatible with the Phoenix Series of Scanners

02




Battery, Cranking, Charging, and System Tests

03



Battery Type: Regular flooded, AGM, EFB, GEL

04



Test Standards: CCA, BCI, CA, MCA, JIS, DIN, and more

Turns Your Diagnostic Scan Tool into a Battery Tester

3 LED Indicators

Dual Bluetooth 3.0/4.0

Test Range: 100~2000CCA



Battery Tester

BTMobile ProS

■ Features

■ Packing List



BTMobile ProS



Carrying Case



User Manual



BTMobile Pro

The BTMobile Pro is a cutting-edge wireless battery analyzer tailored for 12V batteries. Designed with modern technicians in mind, this tool delivers precise results in just 10 seconds and boasts a compact size for convenient storage in your toolbox, ensuring easy accessibility. With an integrated battery library, users can effortlessly identify the ideal battery for each vehicle, reducing the risk of human error and providing reliable data for enhanced efficiency.



Battery Tester

BTMobile Pro

■ Features

■ Packing List



Bluetooth 4.0 / up
to 10m Transmission
Distance



Comprehensive
battery library



Battery Type: Regular
flooded, AGM, EFB, GEL



Test Standards: CCA,
BCI, CA, MCA, JIS, DIN,
and more

Battery, Cranking, Charging, and System Tests

Smartphone and Tablet Compatibility (Android/iOS)

Test Range: 100~2000CCA



Battery Tester

BTMobile Pro

■ Features

■ Packing List



BTMobile Pro



Carrying Case



User Manual



BT600

The BT600 is meticulously designed to cater to the discerning needs of expert automotive repair shops and technicians who prefer a more conventional user interface. Boasting a 3.5" color screen and a built-in thermal printer, this tool provides fast, precise, and convenient testing capabilities. Not only does it deliver real-time battery data display, but it also empowers users to instantly print out comprehensive test reports on the spot. Incorporating state-of-the-art conductivity testing technology and equipped with reverse polarity protection, the BT600 prioritizes safety and prevents incorrect connections. This multifunctional tool effortlessly measures the actual cold start current capacity of the vehicle's battery, assesses the battery's state of health, and thoroughly analyzes the battery's starter and charging systems.



Battery Tester

BT600

■ Features

■ Packing List



Built-In Thermal
Printer & 3.5" Color
Screen



Gives Users More
Flexibility with
Almost 5.9 Feet (1.8
Meters) Of Cable



Data Review
Function Retrieves
the Latest Report



Performs Battery,
Cranking, and Charging
Tests and System Tests

Supports 24V Lead-Acid Batteries (Cranking & Charging Tests)



Battery Tester

BT600

■ Features

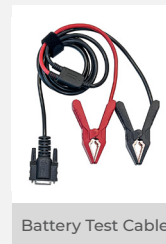
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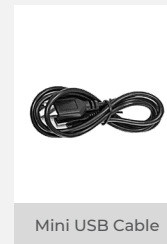
BT600



Carrying Bag



Battery Test Cable



Mini USB Cable



User Manual



3 Rolls of
Printer Paper

Battery Tester



BT300P

TOPDON's BT300P is a precise 12V lead-acid battery tester that comes with a built-in printer. This portable and versatile battery tester covers ten battery standards, making it a reliable choice for battery testing outside the workshop. Users can easily test a battery's actual CCA value, state of health, cranking system, and charging system, providing top-quality battery service anywhere.



Battery Tester

BT300P

■ Features

■ Packing List



**Built-In Printer to
Generate Reports
and Provide Results
Instantly**



2.4" Color Screen



**Results are 99.5%
accurate**



**Smoke-Free and
Spark-Free Premium
Copper Clamps**

Battery Tests, Charging Tests, Cranking Tests



Battery Tester

BT300P

■ Features

■ Packing List



Packing Box



BT300P



Carrying Bag



User Manual



Printer Paper
3 Rolls

Battery Tester



BT200 & BT100

The BT100 and BT200 are efficient battery, cranking, and charging system testers that are ideal for small cars, light trucks, RVs, motorcycles, ATVs, boats, and more. These tools offer fast, accurate, and efficient tests, making them a great choice for DIY enthusiasts. Their dealer-level accuracy, versatility, and cost-effectiveness make them the perfect testers for both beginners and experienced users. The BT100 and BT200 feature easy-to-use software that simplifies the testing process, allowing users to obtain results in as little as ten seconds.




Battery Tester

BT200 & BT100

■ Features


- Packing List

01




Battery Test: State of Health, State of Charge, Voltage, Current, Rating, and Analysis

02




Cranking Test: Cranking Voltage, Time, and Analysis

03



Charging Test: Voltage Output and Analysis

04



Supports 12V GEL, AGM, EFB, and Regular Flooded Batteries

Intuitive Interface with Step-By-Step Guided Procedures

Small, Compact, and Durable Enclosure

Premium Copper Clamps

BT200 Features :

All of the BT100 Features, plus:

2.4" LCD Color Screen

Data Review Function Retrieves the Latest Reports

Supports 24V Batteries (Cranking & Charging Tests)

Testing Capacity of 100-2000 CCA

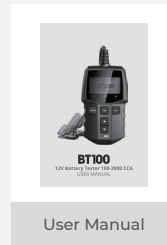
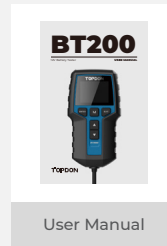
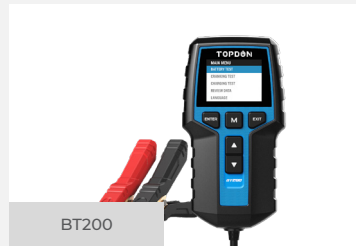


Battery Tester

BT200 & BT100

■ Features

■ Packing List





BT100W

The BT100W is a cutting-edge battery tool that seamlessly blends the simplicity of a plug-and-play device with the sophisticated data analysis capabilities of a high-tech digital tester. As a standalone battery tester, the BT100W conducts numerous tests efficiently. However, users can also harness the power of the device's accompanying app for access to advanced functions, enhanced data analysis, and the ability to store battery test reports in a dedicated folder. Offering operational support in eight languages and featuring an app available in nine languages, the BT100W stands as a versatile tool catering to users worldwide.

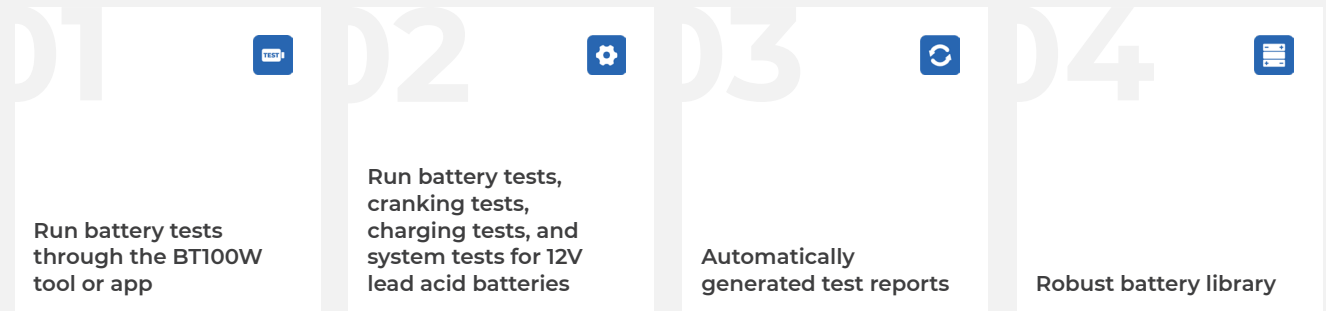


Battery Tester

BT100W

■ Features

■ Packing List



Record Synchronization: Once the device is connected to the app via Bluetooth, the test reports that are saved on the device are synchronized to the app's test report library

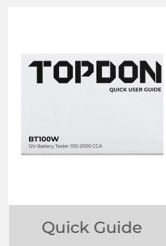


Battery Tester

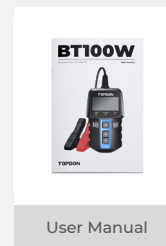
BT100W

■ Features

■ **Packing
List**



Quick Guide



User Manual

TOPDON
Battery Tester
COMPARISON
CHART

BTMobile ProS

BTMobile Pro

BT600

BT300P

BT200

BT100W

| ITEMS | BTMobile ProS | BTMobile Pro | BT600 | BT300P | BT200 | BT100W |
|-------------------|---|---|--|--|--|---|
| Battery Tester | | | | | | |
| Battery Tester | 100-2000CCA 30-220Ah(GB) | 100-2000CCA 30-220Ah(GB) | 100-2000CCA 30-220Ah(GB) | 100-2000CCA 30-220Ah(GB) | 100-2000CCA 30-220Ah(GB) | 100-2000CCA 30-220Ah(GB) |
| Testing voltage | 12V | 12V/24V | 12V/24V | 12V/24V | 12V/24V | 12V |
| Built-in printer | X | X | √ | √ | X | X |
| Application | Flooded/AGM/Gel/EFB/VRLA | | | | | |
| Battery Standard | CCA/CA/BCI/MCA/DIN/IEC/EN/SAE/JIS/GB | | | | | |
| Ripple test | √ | | | | | |
| 12V Battery Test | √ | | | | | |
| 24V Battery Test | X | | | | | |
| 12V Cranking Test | √ | | | | | |
| 24V Cranking Test | X | √ | √ | √ | √ | X |
| 12V Charging test | √ | | | | | |
| 24V Charging test | X | √ | √ | √ | √ | X |
| System test | √ | √ | X | X | X | √ |
| Battery Library | √ | √ | X | X | X | √ |
| Data retrieve | No limit | No limit | 1 time | 1 time | 1 time | No limit |
| LCD display | X | X | 3.5"Color | 2.4"Color | 2.4"Color | 2" Backlit |
| Update | × (Self-developed support) SN starts with 130045... | √ | √ | X | X | √ |
| Languages | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese, Chinese Simplified, Chinese Traditional, Polish, Korean | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese, Simplified Chinese, Traditional Chinese | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese | English, Spanish, French, German, Italian, Portuguese, Russian, Japanese DAPP Additional support for Chinese |



Tornado120000

Meet the TOPDON Tornado120000 – a professional smart programming power supply designed to provide efficient charging and voltage stabilization for vehicles equipped with 12V batteries. It features intelligent current (5-120A) and voltage (11-16.8V) output adjustment and boasts a maximum power of 1700W to confidently handle every battery. With 3 major charging modes and 9-step smart charging, it seamlessly balances charging speed and quality.

The dot matrix LCD screen ensures easy operation, while eight built-in safety protection modes provide peace of mind with features like reverse connection protection, short circuit protection, and spark protection. Compatible with both 12V lead-acid batteries and lithium batteries, the T120A serves as your all-in-one charging solution for battery charging, automotive repair, and programming needs.



Battery Charger

Tornado120000

■ Features

■ Packing List



Ensure stable voltage output for BMW, BENZ, and other automotive repairs and programming



Adjustable current and voltage for accurate charging



3 Charging modes: stable power supply, battery, or lithium battery modes



9-step charging: extend battery life with patented charging technology

Safety First: Built-in safety features for worry-free charging

Export charging report including mode, consumption, time, and voltage



Battery Charger

Tornado120000

■ Features

■ Packing List



Tornado120000



Battery Clamps



AC Power Cable



USB-A to USB-B
Cable



User Manual



Quick User Guide

Battery Charger



Tornado90000

The Tornado90000 is TOPDON's cutting-edge smart charger, designed for professional and commercial users, repair stations, and more. This device is suitable for all types of 12V and 24V lead-acid batteries, with a battery capacity range from 5 to 90 amps. The Tornado90000 features a current/voltage edit function and supplies users with battery protection through its 9-step smart charging method and six charging modes.



Battery Charger

Tornado90000

■ Features

■ Packing List



9-Step Smart Charging



90A Max Power Supply



Adjustable Current and Voltage



ECU Programming Voltage Stabilizer

6 Charging Modes

Built-in Temperature Sensor

Real-time Voltage and Current Display

Charge a wide variety of 12V and 24V batteries



Battery Charger

Tornado90000

■ Features

■ Packing List



Tornado90000



User Manual



Battery Clamps



Hex Wrench



Tornado30000


The Tornado30000 is an advanced upper-mid-level smart charger meticulously crafted for professional use in workshops or by experienced technicians. It excels at reviving a wide range of batteries, including 6V, 12V, and 24V lead-acid batteries, as well as 12V and 24V lithium-ion batteries. Supporting battery capacities ranging from 50Ah to 1000Ah, it caters to diverse needs with precision. Featuring a sophisticated 9-step smart charging method and offering 12 charging modes, the Tornado30000 ensures unparalleled protection and charging capabilities, setting a new standard for battery maintenance.



■ **Features**


- Packing List

01




12 Charging Modes

02




9-Step Smart Charging

03



The Supply Mode
Can Provide Stable
Power for Long-Term
Maintenance Work

04



Works On 6V, 12V, &
24V Batteries

3 Charging Currents: 30A, 15A, And 10A

Charges Multiple Batteries at Once

Waterproof, ABS Flame Retardant, Prevents Sparks



Battery Charger

Tornado30000

■ Features

■ Packing List



Tornado30000



Packing Box



User Manual

Battery Charger



TB8000

The TB8000 is TOPDON's essential tool for DIY enthusiasts. This versatile 2-in-1 charger and tester is tailor-made for 6V/12V lead-acid batteries and 12V lithium-ion batteries, making it an indispensable addition to any toolkit. Supporting a broad spectrum of battery capacities from 15Ah to 260Ah, it accommodates various battery needs with ease. Equipped with a sophisticated 9-step smart charging system and offering six charging modes, the TB8000 delivers enhanced protection to batteries while prioritizing user safety.




Battery Charger

TB8000

■ Features


■ Packing List

01




9-Step Smart Charging System

02




6 Charging Modes:
12V Norm, 12V Cold,
12V Lithium, 12V Small
Norm, 6V Norm, and
12V Repair

03



Repairs Lost Battery
Performance

04



Spark Elimination
Technology

ABS Flame-Retardant, IP65 Waterproof, and Dustproof Housing

Suitable For AGM, WET, GEL, MF, CAL, EFB, and More Batteries

5 Built-In Protections (Reverse Polarity, Reverse Charge, Short Circuit, Overheating, And Over-Voltage)

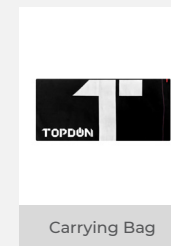
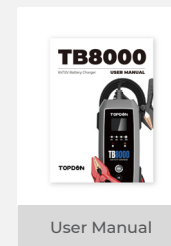
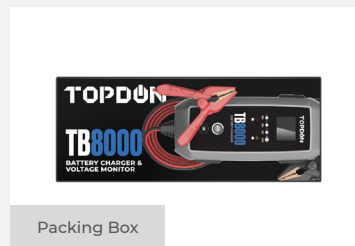


Battery Charger

TB8000

■ Features

■ Packing List



Battery Charger



TB6000Pro

The TB6000Pro represents a groundbreaking innovation, marking the industry's first integration of pre- and post-report functionality alongside an Expert Mode. This intelligent battery charger and tester are specifically designed for smaller shops, enabling technicians to seamlessly test and charge batteries using a single tool. Leveraging its advanced 9-step smart charging technology, the TB6000Pro ensures faster and safer charging for 6V/12V lead-acid and 12V lithium-ion batteries.

Bluetooth compatibility enhances user convenience by allowing seamless smartphone connectivity for customizing battery charging settings. Additionally, the inclusion of Kelvin Four-terminal sensing facilitates accurate testing of a battery's state of charge and health.

With an IP65 dustproof and water-resistant rating, the TB6000Pro is shop-ready and capable of withstanding even the harshest environments, ensuring reliability in all conditions.



Battery Charger

TB6000Pro

■ Features

■ Packing List



Charge and Test
Batteries with one tool



9-smart charging
methods, and a new
"Expert Mode" to
adjust the 9-step smart
charging system.
(Current, Voltage, Time
Charging, etc.)



The TB6000Pro's
cell phone app
displays the real-time
charging status, power
consumption, voltage,
current, and more



Customize the
charging time and
charging settings
from your phone

IP65 Waterproof and Dustproof Rating

Competitively priced to give every shop advanced battery testing and repair capabilities



Battery Charger

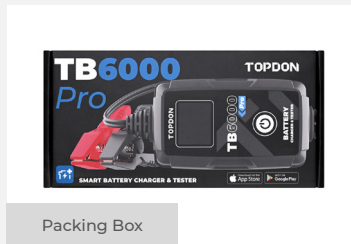
TB6000Pro

■ Features

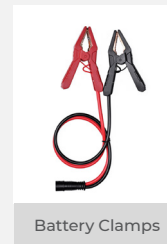
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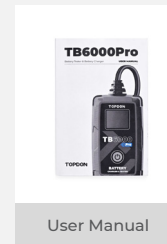
TB6000Pro



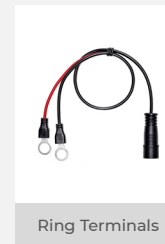
Packing Box



Battery Clamps



User Manual



Ring Terminals



Tornado4000


The Tornado4000 is more than just a smart, compact battery charger. It's a battery maintainer, trickle charger, battery desulfator, and DC power supply all in one. The Tornado4000 can supply a constant 13.5 volts DC to power onboard devices that draw up to 4 amps. It's compatible with 6V/12V lead-acid and 12V lithium-ion batteries up to 120Ah. 5 charging modes combined with 9-Step Smart Charging technology make the Tornado4000 highly versatile. An IP65 water-resistant enclosure and cold weather capability (down to -4°F/-20°C) ensure a wide operating environment range while also being lightweight and portable. Operation is easy, thanks to the four error indicators.



■ **Features**


- Packing List

01




One-tap Charging & Memory Functions

02




Four Error Indicators

03



Stable Power Supply and Voltage Stabilizer

04



Supports a wide selection of batteries ranging from 5Ah to 120Ah.

9-step Smart Charging

IP65 Water Resistance Rating



Battery Charger

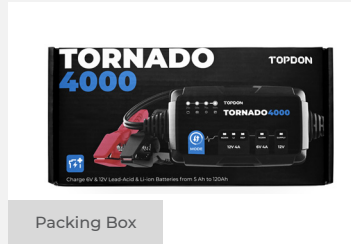
Tornado4000

■ Features

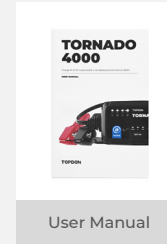
■ Packing List



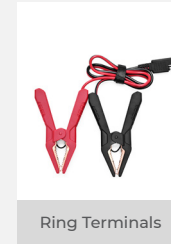
Tornado4000



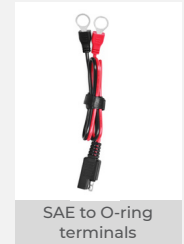
Packing Box



User Manual



Ring Terminals



SAE to O-ring terminals

TOPDON Battery Charger COMPARISON CHART

Tornado120000

Tornado90000

Tornado30000

TB8000

TB6000Pro

Tornado4000

| ITEMS | Tornado120000 | Tornado90000 | Tornado30000 |
|----------------------|--|---|---|
| Input Voltage AC | 90-240VAC , 50-60Hz | USA(100-120VAC 50-60Hz) EU(200-240VAC50-60Hz) | 100-240VAC, 50-60Hz |
| Working Voltage AC | 90-240VAC , 50-60Hz | USA(100-120VAC 50-60Hz) EU(200-240VAC 50-60Hz) | 100-240VAC, 50-60Hz |
| Dead battery charge | √ | | |
| 6V NORM/6V AGM | √ | × | √ |
| 6V Battery repair | × | × | √ |
| 12V Battery repair | √ | | |
| 24V Battery repair | × | √ | √ |
| 12V Supply | √ | √(11-15.8V/22-31.6V) | √(13.5V) |
| 24V Supply | × | × | √ |
| 12V Lithium | √ | | |
| 24V Lithium | × | √ | √ |
| App | Upgrade tool for PC (export charging report: charging report covering: charging mode, charging power consumption, charging time, initial voltage, end voltage) | | |
| Efficiency | 85% Approx. | | |
| Power | 1700W Max | 1500W Max | 360W Max |
| Charging Current | 5~120A(adjustable) | 12V/10A-90A, 24V/10A-45A | 6V/15A, 12V/30A, 12V/10A, 24V/15A |
| Back Current Drain | < 5mA | | |
| Working Temp. | 14°F to 104°F (-10°C to 40°C) | | |
| Storage Temp. | -4°F to 167°F (-20°C to 75°C) | | |
| Charger Type | 9 Step, Smart Charger | | |
| Type of Batteries | 12V | 12V/24V | 6V/12V/24V |
| Battery Chemistries | Wet, Gel, MF, EFB, AGM, CAL, VRLA | Wet, Gel, MF, EFB, AGM, CAL, VRLA | Wet, Gel, MF, EFB, AGM, CAL, Lithium |
| Battery Capacity | 20-3700Ah | 20-2800Ah | 50-1000Ah |
| Housing Protection | IP20 | IP20 | IP20 |
| AC Cable length(m) | 2 | 1.8 | 2.0 |
| Clip cord length (m) | 2.2 | 2.2 | 2.2 |
| Package Dimensions | 485*356*263mm(19.09*14.02*10.35 inches) | 419.2*274.6*140mm(16.50*10.81*5.51inches) | 262.5*115.5*61mm(10.33*4.55*2.40inches) |

TOPDON Battery Charger COMPARISON CHART

Tornado120000

Tornado90000

Tornado30000

TB8000

TB6000Pro

Tornado4000

| ITEMS | TB8000 | TB6000Pro | Tornado4000 |
|----------------------|--------------------------------------|---|--------------------------------------|
| Input Voltage AC | 100-240VAC,50-60Hz | 100-240VAC, 50-60Hz | 100-240VAC, 50-60Hz |
| Working Voltage AC | 100-240VAC,50-60Hz | 100-240VAC, 50-60Hz | 100-240VAC, 50-60Hz |
| Dead battery charge | √ | | |
| 6V NORM/6V AGM | × | √ | √ |
| 6V Battery repair | × | × | × |
| 12V Battery repair | √ | | |
| 24V Battery repair | × | √ | × |
| 12V Supply | × | √(6-15V) | √(13.5V) |
| 24V Supply | × | × | × |
| 12V Lithium | √ | | |
| 24V Lithium | × | × | × |
| App | × | √(Battery Test、Pre-post Report、Charging appointment etc.) | × |
| Efficiency | 85% Approx. | | |
| Power | 108W Max | 81W Max | 64W Max |
| Charging Current | 6V/8A, 12V/8A , 12V/3A | 6V/3A, 12V/6A , 12V/1A | 6V/4A, 12V/4A, 12V/1A |
| Back Current Drain | < 5mA | | |
| Working Temp. | 14°F to 104°F(-10°C to 40°C) | | |
| Storage Temp. | -4°F to 167°F (-20°C to 75°C) | | |
| Charger Type | 9 Step, Smart Charger | | |
| Type of Batteries | 6V/12V | 6V/12V | |
| Battery Chemistries | Wet, Gel, MF, EFB, AGM, CAL, Lithium | Wet, Gel, MF, EFB, AGM , Lithium | Wet, Gel, MF, EFB, AGM , Lithium |
| Battery Capacity | 15-260Ah | 5-240Ah | 6-120Ah |
| Housing Protection | IP65 | IP65 | IP65 |
| AC Cable length(m) | 2.0 | 2.0 | 2.0 |
| Clip cord length (m) | 1.8 | 1.8 | 1.8 |
| Package Dimensions | 245*100*52 mm(9.65*3.94*2.05 inches) | 130*80*50 mm(5.12*3.15*1.97 inches) | 130*80*50 mm(5.12*3.15*1.97 inches) |

Jump Starter



V4500Plus

Crafted specifically for professional and heavy-duty vehicles, the TOPDON 12V jump starter V4500Plus packs a serious punch. Boasting a peak current of up to 4500A, it swiftly revives a diverse range of vehicles – from semi-trucks and trailers to off-road vehicles and boats – in mere seconds. Plus, with the capacity for up to 45 jump-starts on a single charge, you'll always be prepared to hit the road with confidence.

But that's not all – our V4500Plus jump starter is loaded with features aimed at enhancing your driving experience. With the capability to test your battery and monitor its status through our app, you can stay proactive in preventing unexpected breakdowns. Moreover, with its super-fast charging capabilities, it can recharge your smartphone in just 15 minutes. Additionally, equipped with 15 ultra-bright LEDs and six red warning lights, our jump starter delivers up to 500 lumens of light, ensuring you're never left in the dark.



Jump Starter

V4500Plus

■ Features

■ Packing List



Powerful Jump
Starter for Heavy-duty
Vehicles



Comprehensive
Battery Testing
Capabilities



Dual-direction PD100W
Fast Charging



Upgraded Boost Mode
With a Sustained
3-mins Output

120Wh 32000mAh Power Bank

IP65 Rate & 10 Intelligent Protection



Jump Starter

V4500Plus

■ Features

■ Packing List



V4500Plus



Battery Test
Clamps



PD100W Cable



PD45W Charger
Adapter



DC Adapter



User Manual

Jump Starter



V2200Plus

The V2200Plus is a 2-in-1 jump pack and battery tester that's always ready for the unexpected. With 35 jumps on a single charge, smart clamps to protect against safety hazards, and a 300-lumen LED light, it's the perfect tool to have while on the go. Its built-in Bluetooth module pairs with a battery testing app to provide cranking, charging, and battery test reports, so you can replace a battery before it dies. Plus, the V2200Plus doubles as a charging brick for small devices. Be prepared for anything with the V2200Plus by your side.



Jump Starter
V2200Plus

■ Features

■ Packing List



Starts all 12V battery vehicles with up to 8.0L gas or 6L diesel engines in seconds



16000mAh Versatile Power Supply



Battery Tests: Test CCA, Rated CCA, and Battery Health Status



The USB type-c port supports PD60W bidirectional quick charging

Doubles as a wireless lead-acid battery tester through the app

Load, No Load, and Ripple Voltage Tests

Charging Tests: Voltage, SOH, SOC, Internal Resistance

Cranking Tests: Cranking Time and Cranking Voltage Test



Jump Starter

V2200Plus

■ Features

■ Packing List



V2200Plus



EVA Carrying Case



User Manual



Battery Clamps



USB-C Cable

Jump Stater



JumpSurge3000

The JumpSurge3000 is a 3000 peak amp jumpstarting tool and power bank. Jump start any 12V battery on an engine smaller than a 9L gas or 7L diesel. This device takes the stress out of a dead battery by allowing you to jump start without a second car and charge your devices with its built-in output ports. The built-in flashlight can even help you when you're working at night. With enough power to store 45 jumps on a full charge, you'll be ready for anything the road (or even the sea) can throw at you.



Jump Starter

JumpSurge3000

■ Features

■ Packing List



Boost Function Revives
Dead or Damaged
Batteries



24000mAh Battery
Capacity



Heavy-Duty Premium
Copper Clamps



400 Lumens LED
Flashlight

45 Jumps on a Single Charge

Sturdy Outer Housing Resistant to Water, Dust, and Wear



Jump Starter

JumpSurge3000

■ Features

■ Packing List



JumpSurge3000



EVA Carrying Case



User Manual



Adapter



USB-C Cable

Jump Stater



JumpSurge1200Pro & JumpSurge2000Pro

TOPDON's portable solution for roadside emergencies: the JumpSurge2000Pro and JumpSurge1200Pro. With powerful Peak Cranking Amps(1800A for JS1200Pro, 2500A for JS2000Pro), these jump-starters support vehicles with gas engines up to 8L and 6.5L, and diesel engines up to 6L and 4L respectively. Both feature Boost Function™ technology to effortlessly revive dead or damaged batteries, ensuring you're never stranded again. Enjoy up to 35 jumps (25 jumps for JS1200Pro) on a single charge, with built-in LED flashlights to illuminate your surroundings and power bank functionality for quick device charging. Stay prepared for the unexpected with these indispensable tools for drivers everywhere.



Jump Starter

JumpSurge1200Pro & JumpSurge2000Pro

■ Features

■ Packing List



Boost Function Revives Dead or Damaged Batteries



Innovative Stop Spark™ Sensors for Even More Protection



Jump Start Batteries Within 1 to 2 Seconds.



Get 35 Jumps on a Single Charge

300 Lumens Flashlight

Heavy-Duty Premium Copper Clamps

USB Quick Charge 3.0 Port

Fully Charges Most Devices Within an Hour

Sturdy Outer Housing Resistant to Dust, and Wear



Jump Starter

JumpSurge1200Pro & JumpSurge2000Pro

■ Features

■ Packing List

JumpSurge1200Pro / JumpSurge2000Pro

User Manual

Carrying Case

Battery Clamps

Type-C Cable

TOPDON
Jump Starter
COMPARISON
CHART

V4500Plus

V2200Plus

JumpSurge3000






JumpSurge2000Pro

JumpSurge1200Pro

| ITEMS | V4500Plus | V2200Plus | JumpSurge3000 | JumpSurge2000Pro | JumpSurge1200Pro |
|------------------------|---|--|---|---|---|
| Jump Starter | | | | | |
| Peak Amps | 4500A | 2200 (500A 2S) | 3000A (750A 2S) | 2500A(550A 2S) | 1800A(400A 2S) |
| Capacity | 3.7V, 3200mAh; 120Wh | 16000mAh/59.2Wh | 24000mAh/88.8Wh | 16000mAh/59.2Wh | 10000mAh/37Wh |
| Battery Test | √ | √ | X | X | X |
| APP | √ | √ | X | X | X |
| Gas Engines | Up to 16 Liters | Up to 8.0 Liters | Up to 9.0 Liters | Up to 8.0 Liters | Up to 6.5 Liters |
| Diesel Engines | Up to 16 Liters | Up to 6.0 Liters | Up to 7.0 Liters | Up to 6.0Liters | Up to 4.0 Liters |
| INPUT | Type-C: PD100W, 5V 3A, 9V 3A, 12V 3A,15V 3A, 20V 3A, 20V 5A QC18W, 5V 3A, 9V 2A, 12V 1.5A Max 16.8V 10A | Type-C: Bidirectional, PD60W; 5V 3A, 9V 3A, 12V 3A, 15V 3A, 20V 3A | BidirectionalPD45W: 5V/3A,9V/3A, 12V/3A,15V/3A | Type-C: BidirectionalPD18W: 5V/3A,9V/2A | Type-C: BidirectionalPD18W: 5V/3A,9V/2A |
| OUTPUT | Type-C: PD100W, 5V 3A, 9V 3A, 12V 3A,15V 3A, 20V 3A, 20V 5A QC18W, 5V 3A, 9V 2A, 12V 1.5A Max 16.8V 10A | Type-C: PD60W 20V 3A,15V 3A 12V 3A,9V 3A,5V 3A USB1: QC18W,12V 1.5A,9V 2A,5V 3A USB2: QC18W,12V 1.5A,9V 2A,5V 3A DC:Max 16.8V ≡ 10A | Bidirectional TYPE-C: PD45W:5V/3A,9V/3A,12V/3 A,15V/3A,20V/2.25A USB1 QC18W: 5V/3A, 9V/2A, 12V/1.5A, USB2: 5V/2A DC:Max 16.8V ≡ 10A | Type-C:PD18W0 5V/3A,9V/2A USB1 :5V/2A USB2: 5V/2A DC:Max 16.8V ≡ 10A | Type-C:PD18W0 5V/3A,9V/2A USB1 :5V/2A USB2: 5V/2A DC:Max 16.8V ≡ 10A |
| BOOST mode | √ (3min) | √ (30S) | √ (30S) | √ (30S) | √ (30S) |
| Flashlight | √ (500 Lumen) | √ (200 Lumen) | √ (400 Lumen) | √ (300 Lumen) | √ (300 Lumen) |
| Carrying Bag | X | √ (EVA Bag) | √ (EVA Ba) | √ (EVA Bag) | √ (Nylon Bag) |
| Jump starts Per Charge | Up to 45 | Up to 35 | Up to 45 | Up to 35 | Up to 25 |
| Display | LED Screen | 4 LED Indicators | 4 LED Indicators | 4 LED Indicators | 4 LED Indicators |
| AC Cable length | Positive: 380mm Negative: 380mm | Positive: 250mm Negative: 150mm | Positive: 250mm Negative: 200mm | Positive: 250mm Negative: 150mm | Positive: 250mm Negative: 150mm |
| Package Dimension | 320*310*175mm (12.60*12.20*6.89 inches) | 267*157*106 mm (10.5*6.2*4.2 inches) | 284*147*120 mm (11.18*5.79*4.72 inches) | 267*157*106 mm (10.51*6.18*4.17 inches) | 196*125*92 mm (7.72*4.92*3.62 inches) |

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