



EV Rescue 5K Power Station



- UL1973, UL 2271, and IEC 62133 certified battery
- Special inspection SPE1000 CSA
- Recommended storage temperature: 50°F to 86°F @ 80% SOC
- User Interface
- Neuron OS enabled wireless monitoring platform for real-time data, analytics and GPS
- Battery monitor with state of charge, wattage in/out and operating and charging times
- Surrounding protective handles with room to grip
- Easy to use interface with 1-touch operating feature

TECHNICAL SPECS

Product Width (inches)	24.00
Product Weight (lbs)	330.00
Product Length (inches)	32.00
Product Height (inches)	30.00

GENERAL INFO

SKU	TD10001013
Product UPC Code	628098420007
Vendor Part Number	TDEVR5K
U.S. MSRP Price	\$24500.00
U.S. MAP Price	\$24100.00
HTS Code	8536.90.8585

FEATURES & BENEFITS

The EV RESCUE 5k power station delivers reliable, instant power whenever and wherever you need it. Ideal for towing companies looking to charge electric vehicles dead on the side of the road or mobile technicians needing consistent voltage power supply, using clean, renewable power - no fumes, no noise and no excessive costs. Simply flip the switch for silent, emissions-free portable power. The EV RESCUE 5k can also be used to complement or completely replace gas/diesel generators.

- Built-in overcharge / over-discharge protection
- Output protected against short circuit, overload, overtemperature and over-voltage
- Master system on/off for storage and shipping
- Four wheel (two stationary, two swivel) 5" neoprene casters
- Life cycles: 4,000 cycles to 80% capacity*
- *Full charge/discharge at 1C, 77°F
- Offsets 20 kg of CO2e for 8 hours operation*
- *Assumes 1/4 load output and low CO2e charging source



Hurricano200



GENERAL INFO

SKU	C11A012A03
Product UPC Code	850028162279
Vendor Part Number	H200
U.S. MSRP Price	\$199.00
U.S. MAP Price	\$149.00
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	9026209090

FEATURES & BENEFITS

TOPDON's Hurricano200 serves as a portable lithium power station specially designed for charging low-level electronic devices (<200W) with safe, efficient, and stable 200W pure sinewave supply. This is the ideal power-to-go tool for home use, camping, fishing, and other outdoor activities. The H200 helps you be prepared for natural disasters such as hurricanes, earthquakes, and power outages. It features multi-use outputs designed for laptops, phones, mobile, car fridges, air pumps, and more, simultaneously powering up to 7 devices.

- A 130Wh Power Station with 36000mah Capacity for <200W Electronic Devices Suitable for Drones, Cameras, Laptops, Phones, Tablets, Home Appliances, and Even CPAP Machines
- Charge Up to 7 Devices at Once
- Weighing Only 4.2lb with a Foldable Handle, the Hurricano200 Can Travel With You and Save Space
- Features a Built-In Flashlight. Find Your Way at Night During a Power Outage, or Let Others See You on the Side

- of the Road
- Built-In Battery Management System Ensures Better Charger Utilization; It Protects The Battery of the Device Being Charged
- Dual Pure Sine Wave AC Outlets to Ensure an Even Safer Charge
- Higher Level of Safety With Overload, Over-Current, and Over-Voltage Protection
- Automatically Powers off in Case of Emergencies
- Compatible with Most Solar Panels Allowing You to Harness One of the Cleanest Sources of Power in the World

TECHNICAL SPECS

Working Temperature	-4°F to 104°F
Working Temperature Celsius	20°C to 40°C
USB Output	5V/3.1A (Max)
Product Width (inches)	4.72
Product Weight (lbs)	4.19
Product Length (inches)	9.25
Product Height (inches)	7.68
Charge Time	6-7Hours (DC 5V/2A)

PACKAGING

Retail Package Length (inches)	10.24
Retail Package Width (inches)	7.87
Retail Package Height (inches)	5.12
Retail Package Weight (lbs)	6.17
Master Case Length (inches)	16.14
Master Case Width (inches)	11.02
Master Case Height (inches)	12.60
Master Case Weight (lbs)	25.79
Master Case Quantity	4

WHAT'S IN THE BOX

- Hurricano200
- 15V Charger Adapter
- User Manual
- Automobile Auxiliary Power Outlet



JumpSurge1200



- 25 Jump Starts on a Full Charge
- Boost Function Revives Dead or Damaged Batteries
- Innovative Stop Spark™ Sensors
- 300 Lumens Flashlight
- USB Quick Charge 3.0 Port
- Sturdy Outer Housing is Resistant to Water, Dust, and Wear
- Reverse Polarity Protection

TECHNICAL SPECS

Working Temperature	14°F to 104°F
Working Temperature Celsius	-10°C to 40°C
USB Output	USB1 Output: QC18W, 5V/9V/12V USB2 Output: 5V2A, DC Max 16.8V10A
Storage Temperature Fahrenheit	-4°F to 167°F
Storage Temperature Celsius	-20°C to 75°C
Product Width (inches)	3.35
Product Weight (lbs)	0.95
Product Length (inches)	6.81
Product Height (inches)	1.34
Peak Current Rating	1200A

GENERAL INFO

SKU	TD52130049
Product UPC Code	850028162439
Vendor Part Number	JS1200
U.S. MSRP Price	\$79.00
U.S. MAP Price	\$75.00
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

The JumpSurge1200 is a 1200 Peak Cranking Amp power bank and jump-starter for 12V battery vehicles (up to 6.5L on gas engines, and 4L on diesel engines).

The JS1200 allows you to revive your battery, never getting stranded on the road! It comes with a Boost Function™ that can start dead or damaged batteries and can charge all your devices faster than a standard charger.

The JumpSurge is the ideal on-the-go tool for drivers who want to be prepared for the unexpected at all times.

PACKAGING

Retail Package Length (inches)	7.87
Retail Package Width (inches)	5.12
Retail Package Height (inches)	3.54
Retail Package Weight (lbs)	2.20
Master Case Length (inches)	18.90
Master Case Width (inches)	11.02
Master Case Height (inches)	16.54
Master Case Weight (lbs)	44.09
Master Case Quantity	20

WHAT'S IN THE BOX

- JumpSurge1200
- EVA Carrying case
- Heavy-duty clamps
- Type C charging cable
- User Manual
- Quick Guide



JumpSurge2000



GENERAL INFO

SKU	TD52130050
Product UPC Code	850028162460
Vendor Part Number	JS2000
U.S. MSRP Price	\$99.00
U.S. MAP Price	\$95.00
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

The JumpSurge2000 is a 2000 Peak Current power bank and jump-starter for 12V battery vehicles (up to 8L gas and 6L diesel). Its Boost Function™ jumpstarts dead or damaged batteries – a must-have for all drivers!

With the JS2000, you'll be able to make up to 35 jumps on a single charge, never being stranded with a dead battery. The built-in LED flashlight keeps you out of the dark, and the power bank function allows you to fully charge your mobile devices in less than an hour.

- 35 Jump Starts on a Full Charge
- Boost Function Revives Dead or Damaged Batteries
- Innovative Stop Spark™ Sensors
- 300 Lumens Flashlight
- USB Quick Charge 3.0 Port
- Sturdy Outer Housing is Resistant to Water, Dust, and Wear
- Reverse Polarity Protection

TECHNICAL SPECS

Working Temperature	14°F to 104°F
Working Temperature Celsius	-10°C to 40°C
USB Output	USB1 Output: QC18W, 5V/9V/12V USB2 Output: 5V2A, DC Max 16.8V10A
Storage Temperature Fahrenheit	-4°F to 167°F
Storage Temperature Celsius	-20°C to 75°C
Product Width (inches)	3.98
Product Weight (lbs)	1.58
Product Length (inches)	9.06
Product Height (inches)	1.57
Peak Current Rating	2000A

PACKAGING

Retail Package Length (inches)	10.63
Retail Package Width (inches)	6.50
Retail Package Height (inches)	4.33
Retail Package Weight (lbs)	3.33
Master Case Length (inches)	19.69
Master Case Width (inches)	17.72
Master Case Height (inches)	11.81
Master Case Weight (lbs)	40.79
Master Case Quantity	12

WHAT'S IN THE BOX

- JumpSurge2000
- EVA Carrying case
- Heavy-duty clamps
- Type C charging cable
- User Manual
- Quick Guide



JumpSurge3000



GENERAL INFO

SKU	TD52130076
Product UPC Code	850028162613
Vendor Part Number	JS3000
U.S. MSRP Price	\$199.00
U.S. MAP Price	\$169.00
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

The JumpSurge3000 (JS3000) is a 3000 Peak Amp jumpstarting tool and power bank for vehicles on and off the road. This device supports vehicles with 12V batteries on up to 9L gas engines and 7L Diesel engines. Capable of 45 jump starts on a single charge, the JumpSurge3000 is a robust and powerful tool capable of bringing a battery back to life in only 1 second. Its multiple protection systems and fast charging capability keeps you ready for anything, no matter where you go or what you drive.

■ ROAR BACK TO LIFE IN A SECOND WITH COLOSSAL POWER

Use the 3000 Peak cranking amps and give life-saving jumps in 1 second. The 24000mAh battery capacity can store 45 jumps in a single charge. Revive up to 9L gas vehicles, 7L diesel vehicles.

NOTHING STOPS YOU WITH THE BOOST FUNCTION

Never worry about being stuck on the road! The BOOST

FUNCTION is your do-over button for dead or damaged batteries.

■ POWER YOUR ESSENTIAL DEVICES

The JumpSurge3000 serves as a power bank with USB Quick Charge 3.0 port, supporting 5V/3A, 9V/2A, & 12V/1.5A. Its type C bidirectional charging includes PD45W output, PD45W input, and provides fast charging for devices that support PD protocol, such as laptops, cell phones, and more.

RUGGED DESIGN & PREMIUM PARTS

Sturdy outer housing makes it resistant to water, dust, and wear.

■ LED FLASHLIGHT

The JumpSurge3000 is more than a Jump Starter! It's 400 lumens flashlight brings day to the dark. Use the SOS setting to signal for help in emergencies. It's truly an essential travel gadget.

TOPDON's JumpSurge3000 has an innovative Stop Spark Sensor that suspends its use after too many jumps in a 10 minutes period. This prevents overheating and damage to the battery, rejects sparks, and protects you and your vehicle.

■ Smart Protection Features Prevent 7 Serious Hazards

Reverse Polarities, Short Circuits, Over Currents, Reverse Charges, Over Discharges, Overheating, Low Temperatures

TECHNICAL SPECS

USB-C Output	PD45W, 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A
USB Output	USB1: QC18W, 5V/3A, 9V/2A, 12V/1.5A USB2: 5V/2A
Product Width (inches)	4.65
Product Weight (lbs)	2.68
Product Length (inches)	10.39
Product Height (inches)	2.52
Peak Current Rating	3000A
Clamp Cable Length	Positive Cable: 9.8 Inches Negative Cable: 7.8 Inches

PACKAGING

Retail Package Length (inches)	11.02
Retail Package Width (inches)	5.91
Retail Package Height (inches)	4.72
Retail Package Weight (lbs)	5.51



Master Case Length (inches)	15.35
Master Case Width (inches)	12.60
Master Case Height (inches)	12.20
Master Case Weight (lbs)	31.97
Master Case Quantity	6

WHAT'S IN THE BOX

- JumpSurge3000
- Ethylene Vinyl Acetate Carrying Bag
- Battery Clamps
- The adapter
- USB Cable
- User Manual



TC004



The automatic detection feature allows users view temperature differences more visually.

- Wide FOV

The TC004 also features a wide 56° FOV for to easily capture more objects in view. There is also no need to adjust focal length.

Wide Measurement Range & Accuracy

The TC004 features a wide temperature measurement range of -20°C - +350°C. It can also measure temperatures with ±2°C accuracy for precise temperature measurements.

NETD of this high-precision infrared sensor is less than 40mK, measurement accuracy is 0.1 degree, and error is less than 2%. This is to ensure the upmost accurate thermal readings.

- PC Image Analysis and Instant Projection

Professional analysis software allows users to easily save and share diagnostic data on a PC. The TC004 also supports screen projection on a PC as well. Extended Battery Life

A powerful integrated battery allows the TC004 to have a 12-hour runtime.

- Built-in Fill LED Light

A built-in LED light allows users to record thermal readings without an additional light source. Compact and Solid Design

IP54 rated for protection against water and dust and 2m drop proof allows you to be more carefree while using the device.

GENERAL INFO

SKU	TD52120005
Product UPC Code	850028162927
Vendor Part Number	TC004
U.S. MSRP Price	\$349.00
U.S. MAP Price	\$290.00
Warranty	1 Year
HTS Code	9031.49.9000
HS Code	9031499090

FEATURES & BENEFITS

The TC004 is a handheld thermal camera that measures a wide range of temperatures, from -20°C to 350°C (-4°F to +662°F), and offers a 12-hour runtime. The high-resolution 256*192 pixel infrared camera allows you to say goodbye to blurry images. The tool is ready for analysis with the standalone and the PC modes, enabling users to project and upload images from the TC to their PC.

- High Resolution & Thermal Sensitivity

The TC004 features a high-resolution thermal camera with a resolution of 256x192. This allows users to capture more details and say goodbye to blurry images. A high thermal sensitivity of 0.05°C allows the TC004 to distinguish between tiny temperature differences. Three Measurement Modes & Auto-Detection

The TC004 has three different measurements to detect center, hot and cold spots.

TECHNICAL SPECS

Working Temperature	14°F to 122°F
Working Temperature Celsius	-10 to 50°C
Storage Temperature Fahrenheit	14°F to 131°F
Storage Temperature Celsius	-10 to 55°C
Spectral Range	8 – 14µm
Product Width (inches)	2.91
Product Weight (lbs)	1.15
Product Length (inches)	9.33
Product Height (inches)	3.54
Object Temperature Range	-4°F to 662°F
Object Temperature Range	-20 to 350°C
IR Resoluition	256 x 192 pixels
IP Rating	IP54
Heat Sensitivity	40mk
Focal Length	0.12 in. (3.2 mm)



Drop Rating 2m
Display Size 2.8 Inch

PACKAGING

Retail Package Length (inches) 11.02
Retail Package Width (inches) 6.30
Retail Package Height (inches) 4.72
Retail Package Weight (lbs) 2.16
Master Case Length (inches) 20.47
Master Case Width (inches) 18.11
Master Case Height (inches) 11.81
Master Case Weight (lbs) 23.37
Master Case Quantity 10

WHAT'S IN THE BOX

- TC004 Thermal Camera
- 16G Memory Card
- USB Data Cable
- 5V3A Power Adapter
- Calibration Certificate
- Product Certificate
- User Manual
- Storage Bag



TC005



GENERAL INFO

SKU	TD52120009
Product UPC Code	850028162934
Vendor Part Number	TC005
U.S. MSRP Price	\$429.00
U.S. MAP Price	\$379.00
Warranty	1 Year
HTS Code	9031.49.9000
HS Code	9031499090

FEATURES & BENEFITS

The TC005 is a handheld thermal camera that measures an expansive temperature range. From -20°C to 550°C (-4°F to +1022°F), and offers a 12-hour runtime. The high-resolution 256*192 pixel infrared camera allows you to say goodbye to blurry images. The tool is ready for analysis with the standalone and the PC modes, enabling users to project and upload images from the TC to their PC. Added benefits of the TC005 include seven options for Pseudo-Color Display, a 2-megapixel visible light camera for overlapping images, and a picture-in-picture mode.

■ High Resolution & Thermal Sensitivity

The TC005 features a high-resolution thermal camera with a resolution of 256x192. This allows users to capture more details and say goodbye to blurry images. A high thermal sensitivity of 0.05°C allows the TC005 to distinguish between tiny temperature differences. Three Measurement Modes & Auto-Detection

The TC005 has three different measurements to detect center, hot and cold spots.

The automatic detection feature allows users view temperature differences more visually.

■ Wide FOV

The TC005 also features a wide 56° FOV to easily capture more objects in view. There is also no need to adjust focal length.

Wide Measurement Range & Accuracy

The TC005 features a wide temperature measurement range of -20°C - +550°C. It can also measure temperatures with ±2°C accuracy for precise temperature measurements.

NETD of this high-precision infrared sensor is less than 40mK, measurement accuracy is 0.1 degree, and error is less than 2%. This is to ensure the upmost accurate thermal readings.

■ Four Imaging Modes

The TC005 has four imaging modes to identify target in a timely manner.

These include: Thermal Imaging mode, Dual Light mode, Visible Light mode, and Image in Image mode. PC Image Analysis and Instant Projection

Professional analysis software allows users to easily save and share diagnostic data on a PC. The TC005 also supports screen projection on a PC as well.

■ Extended Battery Life

A powerful integrated battery allows the TC005 to have a 12-hour runtime.

Built-in Fill LED Light

A built-in LED light allows users to record thermal readings without an additional light source.

■ Built for Last

IP54 rated for protection against water and dust and 2m drop proof allows you to be more carefree while using the device.

TECHNICAL SPECS

Working Temperature	14°F to 122°F
Working Temperature Celsius	-10 to 50°C
Storage Temperature Fahrenheit	14°F to 131°F
Storage Temperature Celsius	-10 to 55°C
Spectral Range	8 – 14µm
Product Width (inches)	2.91
Product Weight (lbs)	1.15



Product Length (inches)	9.33
Product Height (inches)	3.54
Object Temperature Range	-4°F to 1022°F
Object Temperature Range	20 to 550°C
IR Resoluion	256 x 192 Pixels
IP Rating	IP54
Heat Sensitivity	40mk
Focal Length	0.12 in. (3.2 mm)
Drop Rating	2m
Display Size	2.8 Inch

PACKAGING

Retail Package Length (inches)	11.02
Retail Package Width (inches)	6.30
Retail Package Height (inches)	4.72
Retail Package Weight (lbs)	2.16
Master Case Length (inches)	20.47
Master Case Width (inches)	18.11
Master Case Height (inches)	11.81
Master Case Weight (lbs)	23.37
Master Case Quantity	10

WHAT'S IN THE BOX

- TC005 Thermal Camera
- 16G Memory Card
- USB Data Cable
- 5V3A Power Adapter
- Calibration Certificate
- Product Certificate
- User Manual
- Storage Bag



Thermal Paper BT600, BT300P



GENERAL INFO

SKU	TD10001025
Product UPC Code	850028162989
Vendor Part Number	BTPAPER
U.S. MSRP Price	\$15.99
U.S. MAP Price	\$15.99
HTS Code	4823.90.8680
HS Code	4823909000

FEATURES & BENEFITS

Replacement printer paper for the BT300P & BT600 battery testers. 1 pack (10 rolls).



Tornado90000 9.5ft. DC Cable Extension

GENERAL INFO

SKU	TD52130128
Vendor Part Number	T90DC
U.S. MSRP Price	\$100.00
U.S. MAP Price	\$100.00
Warranty	Accessories have no warranty
HTS Code	8504.40.9580
HS Code	8544200000

FEATURES & BENEFITS

Add an additional 9.5 feet to your Tornado90000 clamps with this extension cable.



Tornado1200



GENERAL INFO

SKU	TD52130043
Product UPC Code	850028162064
Vendor Part Number	T1200
U.S. MSRP Price	\$34.99
U.S. MAP Price	\$25.99
Warranty	3 Year
HTS Code	8504.40.9580
HS Code	8504409999

FEATURES & BENEFITS

The Tornado1200 is a 6V & 12V Lead-Acid Battery and Lithium-Ion Battery charger. This versatile all-in-one product features a battery maintainer, trickle charger, and battery desulfator. This low-cost device will give you the best possible maintenance technology for your battery. The Tornado1200 offers multi-step protection for small and large batteries even in cold temperatures, and a rugged, water-resistant enclosure. These features make this a durable battery charger that will last longer and save you money in the long run.

- Advanced, versatile, and safe all-in-one battery charger Battery maintainer, trickle charger, plus battery desulfator
- 5-Step 1.2A Smart Charging technology Intelligent microprocessors for a faster and more efficient charge
- 2X faster than ordinary battery chargers Universally compatible with 6V & 12V Lead-acid and 12V lithium-ion batteries (Wet, MF, GEL, and AGM, etc.) from 10Ah up to 80Ah

- Five unique charging modes to suit requirements for small and large batteries even in cold temperature Built-in 5 protections against Reverse Polarity, Overvoltage, Overcharging, Overheating, and Low Voltage
- Safely connected 24/7, UV and IP65 water-resistant Compact design with intuitive LED indicators

TECHNICAL SPECS

Working Voltage	AC: 100-240VAC, 50-60Hz
Working Temperature	-4°F to 104°F
Working Temperature Celsius	-20° to 40°C
Storage Temperature Fahrenheit	-4° to 130°F
Storage Temperature Celsius	-20°C to 54°C
IP Rating	IP65
Cooling	Natural Cooling
Charging Modes	5 Step, Smart Charger Type of Batteries: 6V & 12V Battery
Battery Range	Up to 80Ah (6V&12V)
Battery Chemistry	WET, GEL, MF, CA, EFB, AGM, LIB
Battery Capacity	Up to 80Ah (6V&12V)

PACKAGING

Retail Package Length (inches)	6.77
Retail Package Width (inches)	2.82
Retail Package Height (inches)	1.56
Retail Package Weight (lbs)	1.03
Master Case Length (inches)	16.54
Master Case Width (inches)	16.14
Master Case Height (inches)	22.05
Master Case Weight (lbs)	36.38
Master Case Quantity	18



Tornado30000



New Supply Mode To Keep You Powered Up

The Tornado30000 also works as a stable power supply for 12V & 24V devices. You can maintain the vehicle voltage at 12V to prevent discharge while performing repairs. With the Tornado30000, you get a safe power station that avoids operational delays, equipment instability, and failure.

- One Charger Does It All

Supports 6V, 12V, and 24V batteries. Suitable for multiple battery types, including AGM, LI, WET, GEL, MF CAL, and EFB.

Offers 3 charging currents: 30A, 15A, and 10A.

Powerful and Efficient Performance for The Unexpected

Always be equipped for the job with 12 charging modes for any situation. This powerful device is even capable of charging several batteries simultaneously!

- Works in Any Climate

Built-in temperature sensors and fan cooling protects the Tornado30000 and automatically changes the charging power according to the temperature. Even more protection

The Tornado30000 protects your batteries against: reverse polarities, reverse charges, short-circuits, overheating, and over-voltages.

Safe to use every day, its heavy-duty housing is ABS flame retardant, and even prevents sparks! Be ready for anything life throws at you with the Tornado30000.

GENERAL INFO

SKU	TD52130067
Product UPC Code	850028162422
Vendor Part Number	T30000
U.S. MSRP Price	\$349.00
U.S. MAP Price	\$299.00
Warranty	3 Year
HTS Code	8504.40.9580
HS Code	8504409999

FEATURES & BENEFITS

The Tornado30000 is an upper-mid-level smart charger made for personal or commercial use, repair stations, and more. It can revive 6V, 12V, and 24V lead-acid batteries as well as 12V/24V lithium batteries.

This device supports a range of battery capacities from 50Ah to 1000Ah. With a 9-step smart charging method and 12 charging modes, the Tornado30000 provides unparalleled protection and charging capabilities for its users.

- 9-step smart charging

Its 9-step smart charging provides strong protection to the battery and the automatic charging and disconnection system eliminates any risk of overcharging. Use the NORM, COLD and REPAIR modes to automatically match the battery and extend its life.

It's advanced technology checks for sulphation and acid stratification and it repairs batteries, prevents battery damage, and saves you money.

TECHNICAL SPECS

Working Voltage	6V, 12V, 24V
Working Temperature	14°F to 104°F
Working Temperature Celsius	-10°C to 40°C
Storage Temperature Fahrenheit	-4°F to 167°F
Storage Temperature Celsius	-20°C to 75°C
Product Width (inches)	6.10
Product Weight (lbs)	6.17
Product Length (inches)	12.80
Product Height (inches)	2.99
Output Current	12V30A, 24V15A, 6V15A, 12V10A
IP Rating	IP20
Cooling	Fan Cooled
Clamp Cable Length	7.2 ft
Clamp Cable Gauge	AWG10#
Charging Modes	2V30A (NORM/LI/REP, 24V15A (NORM/COLD/LI/REP), 6V15A (NORM/REPAIR), SUPPLY



Battery Types

12V30A/24V15A,
12V10A (NORM)
AGM, LI, WET, GEL, MF
CAL, EFB

Battery Range

50-1000Ah

Battery Chemistry

Lead-Acid, Lithium

AC Cable Length

6.5 ft, AWG18#

PACKAGING

Retail Package Length (inches)	17.72
Retail Package Width (inches)	7.87
Retail Package Height (inches)	5.12
Retail Package Weight (lbs)	8.16
Master Case Length (inches)	16.54
Master Case Width (inches)	13.98
Master Case Height (inches)	19.29
Master Case Weight (lbs)	40.79
Master Case Quantity	5

WHAT'S IN THE BOX

- Tornado30000
- User Manual
- Battery Clamps



Tornado30000 3ft. DC Cable Extension



GENERAL INFO

SKU	TD52140027
Vendor Part Number	T30DC
U.S. MSRP Price	\$30.00
U.S. MAP Price	\$30.00
Warranty	Accessories have no warranty
HTS Code	8504.40.9580
HS Code	8544200000

FEATURES & BENEFITS

Add an additional 3 feet to your Tornado30000 clamps with this extension cable.



Tornado4000



GENERAL INFO

SKU	TD52130104
Product UPC Code	850028162071
Vendor Part Number	T4000C
U.S. MSRP Price	\$59.99
U.S. MAP Price	\$45.99
Warranty	3 Year
HTS Code	8504.40.9580
HS Code	8504409999

FEATURES & BENEFITS

The Tornado4000 is more than just a smart compact battery charger. It's a battery maintainer, trickle charger, battery desulfator, and a DC power supply all in one. The Tornado4000 can supply a constant 13.5 volts DC to power on-board devices drawing 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.

■ The Tornado4000 supports a wide selection of batteries ranging from 5Ah to 120Ah, compatible with all types of 6V & 12V lead-acid batteries, and 12V lithium batteries including LI, AGM, WET, GEL, MF, CAL, EFB. Tornado4000 offers 5 charging modes: 12V NORM, 12V LI, 12V REP, 12V SUP and 6V NORM. Simply choose the most

suitable charging mode according to your battery and let the Tornado4000 go to work.

■ Providing an output supply of 13.5V and a maximum current of 4A (54W), the Tornado4000 works as voltage stabilizer for ECU programming and a power supply for 12V devices such as tire inflators, lamps, fans, etc with the 12V "SUPPLY" mode.

Utilizing pulse-width modulation to break down the sulfates in an aging battery, the Tornado4000 can restore the battery resistance efficiently and prolong service life, reviving the battery and bringing it back to a suitable state-of-health.

■ The Tornado4000 will self-adjust charging power as needed based on a variety of conditions such as temperature of the charger, or temperature of the environment as a safety measure.

TOPDON's patented 9-step smart charging gives your lead-acid battery an optimized, maintained, and integrated charging process. When connected, not only will the Tornado4000 charge the battery, but it will act as battery maintainer to truly repair your car battery. Moreover, the Tornado4000 specializes in offering a 5-step smart charging mode for lithium batteries.

■ After a charging mode has been selected, the Tornado4000 will begin charging automatically without the need to select anything else. The charger also has a memory function that will resume charging at the previously set charging mode after the charger has been switched on again after being off. Equipped with 4 error indicators, the Tornado4000 will not only display the detected voltage of the device but also clearly shows the charging status.

■ The Tornado4000 is equipped with built-in safety systems such as over-temperature, short circuits, over voltage, reverse connection and sparks IP65 rated, and constructed of an ABS exterior housing, the Tornado4000 is dust and water resistant. It is also flame retardant and withstand temperatures up to 158°F (70°C).

TECHNICAL SPECS

Product Width (inches)	3.27
Product Weight (lbs)	0.95
Product Length (inches)	5.51
Product Height (inches)	2.09
IP Rating	IP65
Cooling	Natural Cooling
Clamp Cable Length	5.9 ft
Clamp Cable Gauge	AWG14#
Charging Modes	12V NORM, 12V LI, 12V REP, 12V SUP & 6V NORM
Battery Types	LI, AGM, WET, GEL, MF, CAL, EFB and more



Battery Range 5-120Ah
AC Cable Length 6.6 ft AWG18#

PACKAGING

Retail Package Length (inches) 9.45
Retail Package Width (inches) 4.72
Retail Package Height (inches) 4.33
Retail Package Weight (lbs) 1.68
Master Case Length (inches) 19.29
Master Case Width (inches) 11.02
Master Case Height (inches) 18.90
Master Case Weight (lbs) 28.66
Master Case Quantity 16

WHAT'S IN THE BOX

- Tornado4000
- SAE to O-Ring Terminals
- Battery Clamps
- User Manual



Tornado90000



GENERAL INFO

SKU	TD52130061
Product UPC Code	850028162453
Vendor Part Number	T90000
U.S. MSRP Price	\$750.00
U.S. MAP Price	\$699.00
Warranty	3 Years
HTS Code	8504.40.9580
HS Code	8504409999

FEATURES & BENEFITS

The Tornado90000 is TOPDON's newest cutting-edge smart charger, made for professional and commercial users. This device is suitable for all types of 12V and 24V lead-acid batteries, with a wide battery capacity range from 5 to 90 amps.

The Tornado90000 features a current/voltage edit function and supplies users with the needed protection for batteries through its 9-step smart charging method and 6 charging modes. SUPPLY Mode provides a stable DC output and can be used as a programming voltage stabilizer.

- 6 CHARGING MODES, ADJUSTABLE CURRENT AND VOLTAGE

The Tornado90000 offers 6 programmable charging modes to ensure the right current and voltage output at all times. This device also features an electrical current edit, and voltage edit function. The voltage adjustment ranges

from 11-15.8V, and 22-31.6V. Corresponding currents are 5-90A and 5-45A.

LARGE POWER BANK

The Tornado90000 can act as a stable power supply for various automotive appliances such as tire inflators, car fridges, and more.

- ECU PROGRAMMING VOLTAGE STABILIZER

ECU programming voltage stabilizer can match multiple brands and types of automotive systems.

Charge a wide variety of 12V and 24V batteries, such as AGM, WET, GEL, MF, CAL, and EFB batteries. The Tornado90000 is suitable for batteries between 5 and 90 amps.

- 9-STEP SMART CHARGING

Its "9-step smart charging" provides strong protection to the battery and the automatic charging and disconnection system eliminates any risk of overcharging.

With the Tornado90000 you are protected against reverse polarities, reverse charges, short circuits, overheating, and over-voltages.

- DUAL TEMPERATURE MONITORING FOR SAFETY IN EVERY ELEMENT

The Tornado90000 features a built-in temperature sensor constantly protecting the device being charged. It has a built-in temperature sensor to detect the temperature of the device at all times; External temperature sensing probe to monitor and protect the device being charged.

TECHNICAL SPECS

Product Width (inches)	6.30
Product Weight (lbs)	15.54
Product Length (inches)	10.83
Product Height (inches)	16.73
Output Current	Adjustable Voltage: 11-15.8V and 22-31.6V
IP Rating	IP20
Cooling	Fan Cooled
Clamp Cable Length	7.2 ft
Clamp Cable Gauge	AWG4#
Charging Modes	12V/24V Mode: SUPPLY/NORM/COLD/ BOOST/REP/AGM
Battery Range	20-2800Ah
AC Cable Length	5.9 ft AWG18#



PACKAGING

Retail Package Length (inches)	13.39
Retail Package Width (inches)	9.84
Retail Package Height (inches)	20.87
Retail Package Weight (lbs)	23.59
Master Case Length (inches)	13.39
Master Case Width (inches)	9.84
Master Case Height (inches)	20.87
Master Case Weight (lbs)	23.59
Master Case Quantity	1

WHAT'S IN THE BOX

- Tornado90000
- User Manual
- Battery Clamp
- Allen Wrench



V1500



GENERAL INFO

SKU	TD52130184
Product UPC Code	810139300243
Vendor Part Number	V1500
U.S. MSRP Price	\$89.00
U.S. MAP Price	\$79.00
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

TOPDON's V1500 leads the way as a portable jump starter. Delivering 1500 peak amps for instant jump-starts. Quickly and safely jump 12V lead-acid batteries in seconds for cars, boats, motorcycles, and trucks with up to 6.5L gasoline or 4.0L diesel engines.

The V1500 doubles as a power bank for phones, tablets, and other devices, and can also supply power to 12V DC devices. Use the V1500's boost function to jump particularly difficult batteries. The V1500 is your all-in-one solution for power and battery-related emergencies.

■ 12V Power On Demand

The power and quantity of jumps stored in the jump pack let you jump most passenger vehicles on the road with ease.

*Starts 12V battery vehicles with up to 6.0L gas or 4.5L diesel engines in seconds.

*Impressive 1500A Peak Current guarantees a reliable and robust start every time.

*Enjoy up to 25 jumps on a full charge, ensuring you're always ready for your next adventure.

V1500 Power Bank – For Everyday Charges

The V1500 doubles as a power bank. With this incredible feature, you can now charge your phones and tablets effortlessly using the USB Type-A Output port.

Need to power up larger electronic devices? No problem! Utilize the DC Output port (Max 16.8V/10A) to keep your gadgets running smoothly and efficiently.

■ LED Flashlight: Illuminate Your Emergencies

In any emergency situation, a powerful flashlight can make all the difference. With an impressive 300 Lumen LED light, the V1500 provides brilliant illumination to help you see in the dark and send out distress signals for assistance. Easily switch between solid beam mode, a fast-paced strobe, or a slow SOS mode to signal for help.

*300 Lumen, High-Powered LED Flashlight

*Versatile Solid, SOS, and Strobe Modes

Boost Your Battery Back To Life

The BOOST FUNCTION – a game-changer for hard battery jumps! If you have a particularly stubborn battery, simply press and hold the BOOST button for 1 second. Watch your vehicle come roaring back to life within the next 30 seconds! Get ready to hit the road with renewed power and say goodbye to battery troubles.

■ 6 Built-In Safety Features - Work With Confidence

The V1500 comes packed with six crucial safety features. From preventing reverse-connections to safeguarding against short circuits, your protection is our priority.

Protects against:

- * Reverse-connections
- * Reverse-charging
- * Short circuits
- * Over currents
- * Over-temperatures
- * Over-discharges

TECHNICAL SPECS

Working Temperature	14 °F to 104 °F
Working Temperature Celsius	-10°C to 40°C
USB-C Output	DC Output: Max 16.8V 10A
USB Output	QC18W 5V/3A, 9V/2A, 12V/1.5A
Storage Temperature Fahrenheit	-4 °F to 167 °F
Storage Temperature Celsius	-20°C to 75°C
Product Width (inches)	3.62
Product Weight (lbs)	2.09
Product Length (inches)	4.92



Product Height (inches)	7.72
Peak Current Rating	1500A
Charging Temperature	14 °F to 104 °F
Charging Temperature Celsius	-10°C to 40°C
Battery Capacity	37Wh/10000mAh, 3.7V
AC Power Input/Output Voltage	PD18W 5V/3A, 9V/2A, 12V/1.5A

PACKAGING

Retail Package Length (inches)	9.06
Retail Package Width (inches)	5.12
Retail Package Height (inches)	3.94
Retail Package Weight (lbs)	2.34
Master Case Length (inches)	21.26
Master Case Width (inches)	15.75
Master Case Height (inches)	10.24
Master Case Weight (lbs)	38.58
Master Case Quantity	16



V2200



GENERAL INFO

SKU	TD52130134
Product UPC Code	850051166183
Vendor Part Number	V2200
U.S. MSRP Price	\$109.99
U.S. MAP Price	\$99.99
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

TOPDON's V2200 is an exceptional portable jump starter, packed with a whopping 2200 peak amps to swiftly revive a 12V lead acid battery within seconds. This versatile device guarantees prompt and secure ignition for a wide range of vehicles, including cars, boats, motorcycles, and trucks, boasting impressive compatibility with up to 8.0 liter gasoline and 6.0 liter diesel vehicles. Moreover, it serves as an efficient power bank with 16000mAh Power supply, allowing you to effortlessly recharge your phones, tablets, and other electronic devices. Furthermore, it effortlessly powers 12V DC devices, making it an indispensable companion for all your power needs.

- Jumps 12V Batteries

The power and quantity of jumps stored in the jump pack let you jump most passenger vehicles on the road with ease.

Jumps Up To 8L Gas or 6L Diesel Engines
2200A Peak Current For Delivering Jumps

35 Jumps On A Full Charge.
LED Flashlight

In any emergency situation, a high-power flashlight is always an asset. The V2200 features a 300 Lumen LED light to see in the dark and signal for help. Choose from a solid beam of light, a fast-paced strobe, or a slow SOS mode to signal for help.

300 Lumen LED Flashlight
Solid, SOS, and Strobe Modes
■ Safety Features

Featuring a half-dozen safety features. The V2200 protects users from electrical hazards, including sparks from cable clamps touching. The tools also feature the classic ruggedness of TOPDON's JumpSurge series. Drop, dust, and water resistance makes for a reliable tool no matter the conditions.

Reverse-connection
Reverse-charging
Short circuits
Over current
Over-temperature
Over-discharge
Power Essential Devices

Fully charge most devices and electronics within an hour! Charge smartphone, tablets, cameras, Kindles, speakers, tire inflators, and more!

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
■ Works Well In Extreme Temperature

V2200's high-quality internal structure design and circuitry can handle the challenge of starting car batteries in extreme temperature ranges from 14°F ~ 104°F (-10°C ~ 40°C).

TECHNICAL SPECS

Working Temperature	14 °F to 104 °F
Working Temperature Celsius	-10°C to 40°C
USB-C Output	QC18W 12V/1.5A, 9V/2A, 5V/3A
USB Output	QC18W 12V/1.5A, 9V/2A, 5V/3A
Storage Temperature Fahrenheit	-4 °F to 167 °F
Storage Temperature Celsius	-20°C to 75°C
Product Width (inches)	6.18
Product Weight (lbs)	1.45
Product Length (inches)	10.51



Product Height (inches)	4.17
Peak Current Rating	2200A
Charging Temperature	14 °F to 104 °F
Charging Temperature Celsius	-10°C to 40°C
Battery Capacity	59.2Wh/16000mAh, 3.7V
AC Power Input/Output Voltage	Type-C Input/Output: PD60W 20V/3A, 15V/ 3A, 12V/3A, 9V/3A, 5V/ 3A

PACKAGING

Retail Package Length (inches)	10.63
Retail Package Width (inches)	6.30
Retail Package Height (inches)	4.33
Retail Package Weight (lbs)	3.22
Master Case Length (inches)	19.69
Master Case Width (inches)	17.72
Master Case Height (inches)	11.81
Master Case Weight (lbs)	40.57
Master Case Quantity	12

WHAT'S IN THE BOX

- V2200 Jump Starter
- Battery Clamps
- USB Cable
- User Manual
- Quick Start Guide
- Carry Case
- Package Box



V2200Plus



GENERAL INFO

SKU	TD52130147
Product UPC Code	850028162910
Vendor Part Number	V2200PLUS
U.S. MSRP Price	\$129.99
U.S. MAP Price	\$119.99
Warranty	1 Year
HTS Code	8507.60.0020
HS Code	8507600090

FEATURES & BENEFITS

The V2200Plus is a 2-in-1 jump pack and battery tester that takes on the unexpected. Offering 35 jumps on a full charge, smart clamps to protect against common safety hazards, and features a 300-lumen LED light. A built-in Bluetooth module supports 12V battery tests by pairing an app with Bluetooth. This provides cranking, charging, and battery test reports to let you replace a battery before it dies. The V2200Plus can even act as a charging brick for small devices. Take the V2200Plus everywhere you drive to be prepared for anything.

- Starts All 12V Battery Vehicles

The power and quantity of jumps stored in the jump pack lets you jump most passenger vehicles on the road with ease.

Test Lead-Acid Batteries Through The App

Use the app to perform detailed battery tests before a battery needs to be replaced. Analyze a battery's voltage,

state of health, and state of charge with charging tests. Use cranking tests to monitor cranking times and cranking voltages. The testing capabilities do not stop there. Check cold cranking amps to the rated CCA, and the overall battery health status for precise knowledge of a 12V battery.

- LED Flashlight

In any emergency situation, a high-power flashlight is always an asset. The V2200Plus features a 300 Lumen LED light to see in the dark and signal for help. Choose from a solid beam of light, a fast-paced strobe, or a slow SOS mode to signal for help.

Boost Dead or Damaged Batteries

Use the boost function for particularly stubborn batteries. TOPDON's V2200Plus can start your vehicle using its BOOST FUNCTION, even if the battery has 0 voltage. Simply press and hold the BOOST button for 1 second and start your vehicle within the next 30 seconds.

- Test Real-Time Voltage

Works as a digital voltmeter by graphing battery charging, discharging, and starting voltage changes.

6 Safety Features

Featuring a half-dozen safety features. The V2200Plus protects users from electrical hazards, including sparks from cable clamps touching. The tools also feature the classic ruggedness of TOPDON's JumpSurge series. Drop, dust, and water resistance makes for a reliable tool no matter the conditions.

- Power Essential Devices

Fully charge most devices and electronics within an hour! Charge smartphone, tablets, cameras, Kindles, speakers, tire inflators, and more!

Generate Reports

Permanently stores all test results and battery data. Whether you're a professional providing service and documentation, or a meticulous car expert keeping a battery log, we know you'll appreciate having test results when you need them.

TECHNICAL SPECS

USB-C Output	PD60W20V-3A,15V-3A, 12V-3A,9V-3A,5V-3A
USB Output	USB1: QC18W, 12V=1.5A,9V=2A, 5V=3A USB2: QC18W, 12V=1.5A,9V=2A, 5V=3A
Product Width (inches)	3.78
Product Weight (lbs)	1.14



Product Length (inches)	8.98
Product Height (inches)	1.65
Peak Current Rating	2200A; 500A 2S
Clamp Cable Length	7.9 inches
Battery Capacity	16000 mAh 3.7V; 59.2Wh

PACKAGING

Retail Package Length (inches)	10.63
Retail Package Width (inches)	6.30
Retail Package Height (inches)	4.33
Retail Package Weight (lbs)	3.15
Master Case Length (inches)	19.69
Master Case Width (inches)	17.72
Master Case Height (inches)	11.81
Master Case Weight (lbs)	40.12
Master Case Quantity	12

WHAT'S IN THE BOX

- V2200Plus
- Jump/Tester Clamps
- USB Cable
- Carry Case
- User Manual