

TORNADO1200

PRODUCT

PROFILE



TOPDON®

TORNADO1200



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The Tornado1200 is a safe, smart, and effective trickle charge battery repair tool, featuring a 1.2A maximum charging current, and operates on batteries from 6 to 36Ah. This charger is suitable for a variety of 6V/12V lead-acid and 12V Li-Ion batteries, including lead-acid, GEL, EFB, AGM, and Lithium-Ion batteries.

The Tornado1200 can fix a wide range of battery problems, and automatically monitor and detect battery sulfation and acid stratification. The Tornado1200 can charge 6V dead batteries greater than 4.5V and charge 12V dead batteries greater than 8.5V, bring your batteries back to life. 5 charging modes prevent overcharging, undercharging, and protects your battery. The Tornado1200 is a cost-effective choice for anyone performing battery repairs.

SPECS

Input Voltage	100-240VAC, 50-60Hz
Applicable Batteries	6V & 12V
Working Temperature	-4°F to 104°F (-20°C to 40°C)
Storage Temperature	-4°F to 130°F (-20°C to 54°C)
Charging Type	5 Step Smart Charger
Protection Rating	IP65, Natural Cooling
Battery Types	Wet, Gel, MF, EFB, AGM & LIB
Product Dimension	172 * 71.7 * 39.6 mm (6.8 * 2.8 * 1.6’')
Weight	465 g

FUNCTIONS



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- Battery Repair
- Battery Maintenance and Desulfation
- Trickle Charging


SMART-TECHNOLOGY



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The Tornado1200 has a built-in Microprocessor to control the charging process and better repair the battery.

SUITABLE FOR MANY TYPES OF BATTERIES

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1. Battery Analysis & Diagnosis
 2. Battery Desulphation
 3. Battery Bulk Charge
 4. Absorption Mode
 5. Battery Float Charge

The Tornado1200 is suitable for 6V/12V lead-acid batteries and 12V lithium-ion batteries. Multiple vehicle batteries can be handled by this one charger, including cars, motorcycles, trucks, agricultural machinery, dry batteries, and lead-acid batteries.

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5-STEP SMART CHARGING EXTENDS BATTERY LIFE



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The 5-step smart charging feature offers a faster charge and optimized battery performance. This feature prevents overcharging and extends the life of your battery. There will be no damage to your battery, even if you forget to unplug the battery after it has been fully charged.

MULTIPLE SAFETY PROTECTIONS



OVERLOADS

OVER VOLTAGES

OVER TEMPERATURES

SHORT CIRCUITS

REVERSE CONNECTIONS

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The Tornado1200 protects against reverse connections, over temperatures, over voltages, short circuits, overloads, and even sparks! This tool gives users peace-of-mind whenever it is in use.

OPERATES IN EXTREME CLIMATES



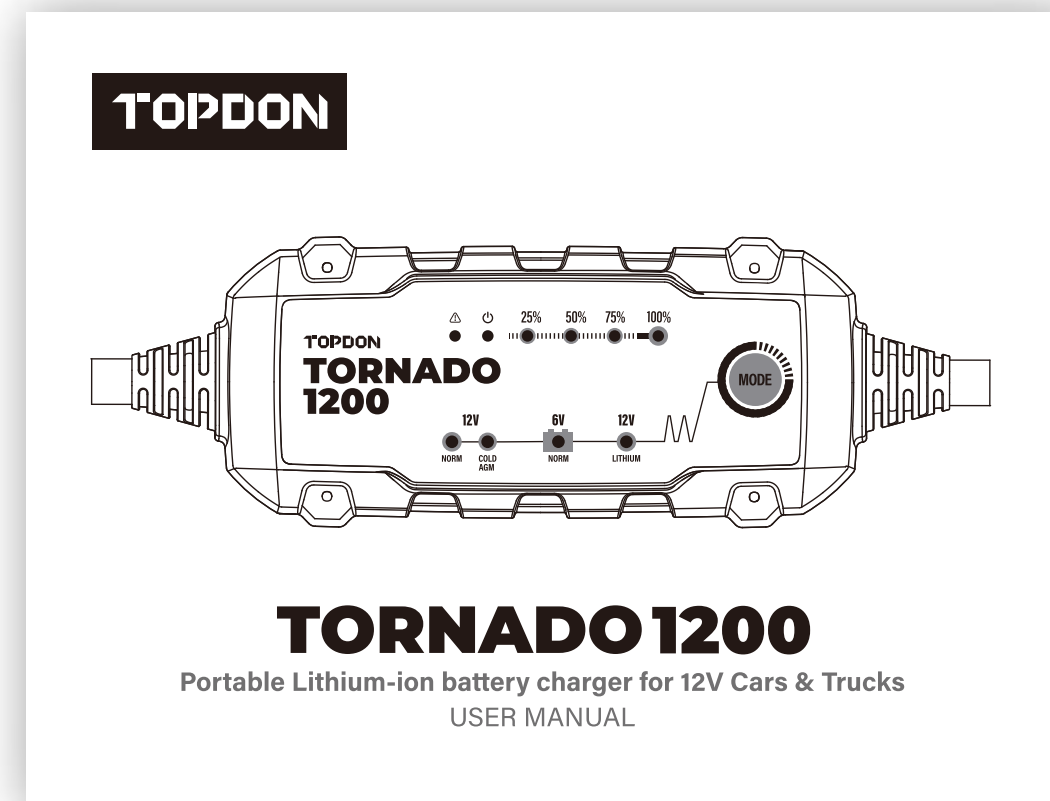
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The Tornado1200 can be used to recharge your car in harsh temperatures, defying both unforgiving cold and heat. With an operating temperature of -10°C - 40°C (14°F - 107°F) and an IP65 waterproof rating, it will match any weather condition.

WHAT'S IN THE BOX?

TOPDON®

- Tornado1200
- User Manual



EXPLORE MORE POSSIBILITIES WITH TORNADO1200






Professional Technicians



Dealerships



The DIY Community

MODEL	TORNADO1200	TORNADO4000	TB8000
SPECIFICATIONS			
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	✓	✓	✓
Testing Voltage	✗	✗	✓
6V NORM/6V AGM	✓	✓	✓
6V Battery Repair	✗	✗	✗
12V Battery Repair	✗	✓	✓
24V Battery Repair	✗	✗	✗
12V Supply	✗	✗	✗
24V Supply	✗	✗	✗
12V Lithium	✓	✓	✓
24V Lithium	✗	✗	✗
Efficiency	85% Approx	85% Approx	85% Approx
Power	25W Max	64W Max	108W Max
Charging Current	6V/1A, 12V/1A	6V/4A、12V/4A	6V/8A, 12V/8A, 12V/3A
Back Current Drain	< 5mA	< 5mA	< 5mA
Working Temp.	-20° to 40°C (-4°F to 104°F)	-10°C to 40°C (14°F to 104°F)	-10°C to 40°C(14°F to 104°F)
Storage Temp.	-20°C to 54°C (-4° to 130°F)	-20°C to 75°C (-4°F to 167°F)	-20°C to 75°C(-4°F to 167°F)
Charger Type	5 Step, Smart Charger	9 Step, Smart Charger	9 Step, Smart Charger
Type of Batteries	6V/12V	6V/12V	6V/12V
Battery Chemistries	Wet, Gel, MF, EFB, AGM, Lithium	Wet, Gel, MF, EFB, AGM, Lithium	Wet, Gel, MF, EFB, AGM, Lithium
Battery Capacity	6-36Ah	6-120Ah	15-260Ah
Housing Protection	IP65	IP65	IP65
AC Cable Length	2.0 m	2.0 m	2.0 m
Clip Cord Length	2.54 m	2.0 m	1.8 m
Package Dimension	172*71.7*39.6 mm(6.8*2.8*1.6")	205.4*74.1*46.5 mm (8.09*2.92*1.83")	245*100*52 mm (9.65*3.94*2.05")

FAQs

Q How to select the charging mode?

A The charging mode is determined according to the battery type and capacity.

Q Will the TORNADO 1200 stop charging automatically after the battery is fully charged?

A Yes.The TORNADO 1200 adopts 5-step smart charging. When the battery is fully charged, it will automatically stop charging without the risk of overcharging. If you still leave the battery connected, the charger will keep monitoring the battery status and will automatically start charging when the battery voltage falls below its target threshold.



Q Why can't some batteries be charged?

A Generally, a 12V battery with a voltage lower than 8.5V is damaged and cannot be charged normally.

Q Is this charger suitable for lithium- Ion Batteries?

A Yes.



CONTACT US FOR MORE DETAILS

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