

# TB8000 PRODUCT PROFILE



**TOPDON**<sup>®</sup>

# EVEN MORE COMPATIBILITY!

With this single tool, you'll be able to charge batteries for all kinds of automobiles. Suitable for a variety of battery types, including AGM, LI, WET, GEL, MF, CAL, and EFB batteries. The TB8000 offers the functionality and versatility you've been looking for!



**TOPDON**®

# SPECS

Input Voltage	100-240V
Output Current	12V8A(NORM/LI/COLD) 12V8A(REP) 6V8A(NORM) 12V3A(Small NORM)
Applicable Batteries	15-260Ah
AC Cable Length	2m,Input AWG18#
Charging Method	9 Step Smart Charging
Battery Cable Length	Positive AWG14#, 1.8m Negative AWG14#, 1.8m
Applicable Battery Type	LI, WET, GEL, MF, CAL , EFB, AGM
Protection Rating	IP65 Natural Cooling
Product Dimension	278 x 191 x 48mm (0.91 x 0.63 x 0.16")
Package Dimension	245 x 100 x 52 mm (9.65 x 3.94 x 2.05")
Net Weight	1150g (2.54lb)

# FUNCTIONS

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**TOPDON**<sup>®</sup>

- Battery charging
- Voltage protection

# ONE CHARGER DOES IT ALL



Get 6 Charging Modes with this versatile tool: 12V8A Norm, 12V8A Cold, 12V8A Lithium, 12V3A Small Norm, 6V8A Norm, and 12V Repair. With this wide variety, choose the mode that suits your needs best.

The TB8000 offers two charging currents of 8A and 3A for batteries from 15Ah to 260Ah.

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# UNBELIEVABLE COMPATIBILITY!



With the TB8000, you'll be able to charge batteries in cars, motorbikes, yachts, trucks, lawnmowers, SUVs, MPVs, tractors, and much more!

Offering the coverage you've been looking for, it is suitable for AGM, LI, WET, GEL, MF, CAL, EFB, and other battery types.

**TOPDON**®

# 9-STEP SMART CHARGING FOR EXTRA SAFETY



Voltage

Current (A)

1 2 3 4 5 6 7 8 9

12V SMAL

13.2V  
0.8A

25% 50% 75% 100%



**TB8000**  
BATTERY CHARGER

MODE

OK

**TOPDON**<sup>®</sup>

TB8000's 9-Step Smart Charging System supplies users with cutting-edge technology that automatically identifies the battery status and outputs the most appropriate current. With this device, there is no worry of damaging your batteries anymore!

# WATERPROOF & DUST RESISTANT!



**TOPDON**®

This battery charger comes in an ABS flame-retardant housing that is also IP65 waterproof & dustproof. Use your TB8000 to charge batteries even on rainy days!



# SAFETY FEATURES THAT MATCH THE POWER



With outstanding safety features, the TB8000 offers 5 built-in protection systems against reverse polarity, reverse charges, short circuit, overheating, and over-voltages.

The TB8000 features an innovative spark elimination technology.

**TOPDON**<sup>®</sup>

# PORTABLE, DURABLE, HEAVY-DUTY



With the TB8000, you get a high-quality device that you can store in your garage or toolbox for years! This long-lasting investment offers the reliability you need for any battery emergency.

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# EXPLORE MORE POSSIBILITIES WITH TB8000



DIY Community



Dealerships

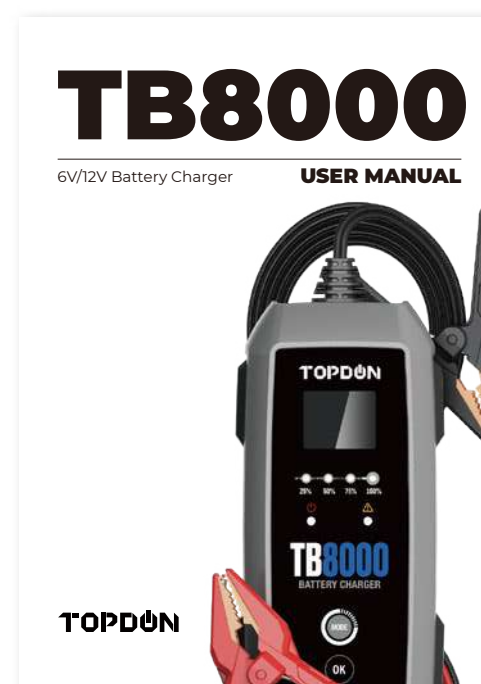


Professional Mechanics

# WHAT'S IN THE BOX?

**TOPDON®**

- TB8000
- Premium Battery Clamps
- Carrying Bag
- User Manual



<p style="text-align: center;">MODEL</p> <p style="text-align: center;">SPECIFICATIONS</p>	<p style="text-align: center;">T4000</p> 	<p style="text-align: center;">TB8000</p> 	<p style="text-align: center;">Tornado 30000</p> 	<p style="text-align: center;">Tornado 90000</p> 
<p style="text-align: center;">INPUT VOLTAGE</p>	<p style="text-align: center;">100—240V</p>	<p style="text-align: center;">100—240V</p>	<p style="text-align: center;">100—240V</p>	<p style="text-align: center;">US100-120V EU200-240V</p>
<p style="text-align: center;">OUTPUT CURRENT</p>	<p style="text-align: center;">12V4A</p>	<p style="text-align: center;">12V8A 6V8A 12V3A</p>	<p style="text-align: center;">12V30A 24V15A 6V15A 12V10A</p>	<p style="text-align: center;">12V10A—90A 24V10A—45A</p>
<p style="text-align: center;">POWER</p>	<p style="text-align: center;">64W</p>	<p style="text-align: center;">108W</p>	<p style="text-align: center;">360W</p>	<p style="text-align: center;">1500W</p>
<p style="text-align: center;">CHARGING MODE</p>	<p style="text-align: center;">12V4A (NORM/LI/COLD) 6V4A(NORM) 12V/4A(Small NORM/Small Cold)</p>	<p style="text-align: center;">12V8A(NORM/LI/COLD) 12V8A(REP) 6V8A(NORM) 12V3A(Small NORM)</p>	<p style="text-align: center;">12V30A(NORM/LI/REP) 24V15A(NORM/COLD/LI/REP) 6V15A(NORM/REPAIR) SUPPLY 12V30A/24V15A 12V10A (NORM)</p>	<p style="text-align: center;">12V/24V Mode: SUP/NORM/COLD/BOOST/ REP/AGM</p>
<p style="text-align: center;">APPLICABLE BATTERIES</p>	<p style="text-align: center;">15-120Ah</p>	<p style="text-align: center;">15-260Ah</p>	<p style="text-align: center;">50-1000Ah</p>	<p style="text-align: center;">20-2800Ah</p>
<p style="text-align: center;">CHARGING METHOD</p>	<p style="text-align: center;">9 Step Smart Charging</p>	<p style="text-align: center;">9 Step Smart Charging</p>	<p style="text-align: center;">9 Step Smart Charging</p>	<p style="text-align: center;">9 Step Smart Charging</p>
<p style="text-align: center;">CLAMP LENGTH</p>	<p style="text-align: center;">Positive AWG18#, SR1.9+Positive 0.6m Negative AWG18#, SR1.9+Positive0.6m</p>	<p style="text-align: center;">Positive AWG14# , 1.8m Negative AWG14# , 1.8m</p>	<p style="text-align: center;">Positive AWG10# , 2.2m Negative AWG10# , 2.2m</p>	<p style="text-align: center;">Positive AWG4# , 2.2m Negative AWG4# , 2.2m</p>
<p style="text-align: center;">APPLICABLE BATTERY TYPE</p>	<p style="text-align: center;">LI, WET, GEL, MF, CAL, EFB, AGM</p>	<p style="text-align: center;">LI, WET, GEL, MF, CAL, EFB, AGM</p>	<p style="text-align: center;">LI, WET, GEL, MF, CAL, EFB, AGM</p>	<p style="text-align: center;">WET, GEL, MF, CAL, VRLA, EFB, AGM</p>
<p style="text-align: center;">PROTECTION RATING</p>	<p style="text-align: center;">IP65 Natural cooling</p>	<p style="text-align: center;">IP65 Natural cooling</p>	<p style="text-align: center;">IP20 Fan cooled</p>	<p style="text-align: center;">IP20 Fan cooled</p>

# FAQs

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**Q** How to select the charging mode?

**A** Please select the charging mode according to the battery's type and capacity. We recommend that the current value should not be greater than 20% of the battery's capacity value. For example: for a 100Ah battery, the current shouldn't be greater than 20A.

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**Q** Will the TB8000 stop charging automatically once the battery is fully charged?

**A** Yes. The TB8000 adopts a 9-step smart charging system. When the battery is fully charged, it will automatically stop charging. If you leave the battery connected to the tool, the TB8000 will keep monitoring the battery's status and will automatically start charging again when the voltage falls below its target threshold.



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**Q** Can the TB8000 charge multiple batteries simultaneously?

**A** Yes. The TB8000 gives you the versatility of connecting multiple batteries in series or parallel, depending on voltage. If you have questions about how to properly connect them, consult the battery's manufacturer or contact our official technical support for help.

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**Q** Which modes adopt the 9-Step Smart Charging?

**A** The NORM and COLD modes.

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**Q** Is the REPAIR Mode applicable to all battery types?

**A** No. The Repair Mode cannot be used on lithium batteries. However, it is applicable to all types of lead-acid batteries.



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**Q** Why won't some batteries work after being repaired?

**A** Once your battery's health has deteriorated past a certain point, it is increasingly difficult for the battery to hold its charge. We only recommend using the Repair Mode on batteries with SOH (State of Health) above 40%.

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**Q** Why can't some batteries be charged?

**A** This depends on the variety of factors that affect the battery's voltage and state of health. Make sure to gauge your battery's voltage. For example, a 12V battery with a voltage lower than 8.5V is damaged and cannot be charged normally.





# CONTACT US FOR MORE DETAILS

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