ULTRASAFE® BATTERY CHARGER™



Auto | Marine | RV | Powersport | Lawn & Garden



Part No.: T120016914

CHARGE FULLY DRAINED BATTERIES UP TO 500 AH

Cars, Trucks, RVs, Equipment, Tractors, Aircraft, and Other Large Applications.

Ultra-compact, rugged, and portable **UltraSafe®** Smart Charger. Features **spark-proof technology** and **reverse polarity protection.** Charges **2X faster** than ordinary chargers. Stay connected 24/7 with **zero overcharge**.



Start-Stop

Counteracts increased cyclic energy demands placed on batteries in micro-hybrid vehicles.



Energy Save

Minimizes energy consumption when full power is not needed.



Recovery

Applies a high-voltage pulse charge when low-voltage, sulfation, or lost capacity is detected.



Firewall

Multi-level safety barrier prevents unsafe and abnormal conditions.



Thermal Monitor

Internal temperature sensors adjust charge based on ambient climate.



Rugged

Dirt, water, UV, impact and crush resistant.



Optimization

Stabilizes internal battery chemistry for increased performance and longevity.



Safe

Protects against reverse polarity, sparks, over-charging, overcurrent, open-circuits and overheating.



CANBUS

Automatically enables the charging port to charge CANBUS systems.



Load Tracking

Dynamically changes charge current when a load is placed on the battery.



Memory

Returns to last-selected mode when restarted.



Maintenance Plus

Keeps the battery fully charged without over-charging, indefinitely.



Diagnostics

Intuitive visual diagnostic tool for detecting reverse polarity, low-voltage or damaged batteries.



Interactive

Alters the charging process based on organic battery feedback.



Jump Charge™

Rapidly charge and start vehicles with drained batteries safely in 5 minutes.

Charge 12 V Batteries up to 500 Ah. 16 V & 24 V Batteries up to 250 Ah.





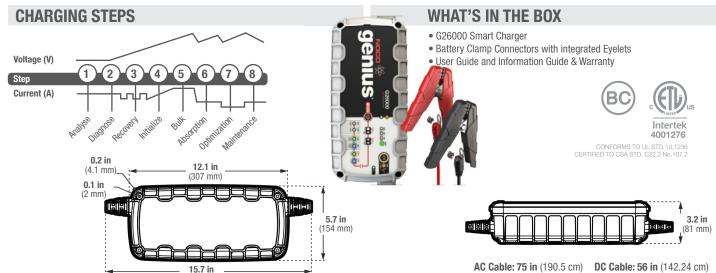




CHARGING MODES 14.2 V | 26 A | Up To 500 Ah Batteries MODE **EXPLANATION** 12 V LITHIUM For charging 12-volt lithium-ion batteries, including lithium Press & Hold No Power iron phosphate. When selected, a blue LED will illuminate. In standby mode, the charger is not charging or providing 15.5 V | 26 A | Up To 500 Ah Batteries Standby any power to the battery. Energy Save is activated during 12 V AGM+ For charging 12-volt advanced AGM batteries, which this mode, drawing microscopic power from the electrical require a higher than normal charging voltage. When Press & Hold outlet. When selected, an orange LED will illuminate. selected, a blue LED will illuminate. 14.5 V | 26 A | Up To 500 Ah Batteries 19.45 V | 20 A | Up To 250 Ah Batteries 12 V For charging 12-volt Wet Cell, Gel Cell, Enhanced Flooded, **16 V LITHIUM** For charging 16-volt lithium-ion batteries, including lithium NORM Maintenance-Free and Calcium batteries. When selected. iron phosphate, which are commonly used in racing Press & Hold a white LED will illuminate. vehicles. When selected, a blue LED will illuminate. 19.6 V | 20 A | Up To 250 Ah Batteries 14.8 V | 26 A | Up To 500 Ah Batteries 12 V **16 V AGM** For charging 16-volt AGM batteries, which are commonly For charging 12-volt batteries in cold temperatures below COLD/ used in racing vehicles. When selected, a blue LED will Press & Hold 50 °F (10 °C) or AGM batteries. When selected, a blue LED AGM illuminate. will illuminate. 13.6 V | 5 A | Max 6 A 29 V | 13 A | Up To 250 Ah Batteries Converts to a DC power supply for powering any 12 V DC 24 V **13.6 V SUPPLY** For charging 24-volt, Wet Cell, Gel Cell, Enhanced device, like a tyre inflator, oil changer, or as a memory NORM Flooded, Maintenance-Free and Calcium batteries. When Press & Hold retainer when replacing a battery. When selected, a red selected, a white LED will illuminate. LED will illuminate. 29.6 V | 13 A | Up To 250 Ah Batteries 16.5 V | 1.5 A | Any Capacity 24 V For charging 24-volt batteries in cold temperatures below 12 V REPAIR An advanced battery recovery mode for repairing and COLD/ 50 °F (10 °C) or AGM batteries. When selected, a blue LED storing old, damaged, stratified, or sulfated batteries. When Press & Hold AGM will illuminate. selected, a red LED will illuminate and flash.

	TECHNICAL SPECIFICATIONS				
	Input Voltage AC:	Type C, 220-240 Vac, 50-60 Hz	Type of Batteries:	12	
	Working Voltage AC:	Type C, 220-240 Vac, 50-60 Hz	Battery Chemistries:	We	
	Efficiency:	85% Approx.	Battery Capacity:	Up	
	Power:	443 w Max		Ma	
	Low-Voltage Detection:	2 V (12 V), 2 V (16 V), 14 V (24 V)	Housing Protection:	IP4	
	Back Current Drain:	<5 mA	Cooling:	Fai	
	Ambient Temperature:	0 °C to +40 °C, 32 °F to +104 °F	Dimensions (LxWxH):	12	
	Charger Type:	8-Step, Smart Charger	Weight:	5.0	

Type of Batteries:	12 V, 16 V & 24 V
Battery Chemistries:	Wet, Gel, MF, CA, EFB, AGM, LIB
Battery Capacity:	Up to 500 Ah (12 V), up to 250 Ah (24 V), Maintains All Battery Sizes
Housing Protection:	IP44
Cooling:	Fan Cooled
Dimensions (LxWxH):	12.1 x 5.7 x 3.2 in (307 x 145 x 81 mm)
Weight:	5.09 Pounds (2.31 kg)



This may not be a stock item. Please speak to our sales representative about lead times. Lead times, price and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days

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