

# Ultra**Safe**® Battery Charger™

# Charge Fully Drained Batteries Up To 30Ah.

Maintain All Battery Sizes.

ATVs, Lawn Mowers, Motorcycles, Cars, Trucks, Boats, RVs, Tractors, Equipment, And More.

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.



#### Firewall.

Multi-level safety barrier prevents unsafe and abnormal conditions.



### Optimization.

Stabilizes internal battery chemistry for increased performance and longevity.



# Load Tracking.

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



## Diagnostics.

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



# Energy Save.

Minimizes energy consumption when full power is not needed.



SAFE

### Thermal Monitor.

Internal temperature sensors adjust charge based on ambient climate.

Protects against reverse polarity,

open-circuits and overheating.

sparks, over-charging, overcurrent,



Recovery.

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



# Rugged.

Dirt, water, UV, impact and crush resistant.



#### CANBUS.

Automatically enables the charging port to charge CANBUS systems.



#### Maintenance Plus.

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



# Memory.

Safe.

Returns to last-selected mode when



#### Interactive.

Alters the charging process based on organic battery feedback.

Charge **6V&12V** Batteries Up To 30Ah. Maintain All Battery Sizes.





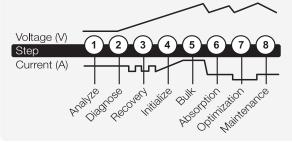
# Charging Modes

Mode	Explanation	12V NORM	14.5V   750A   2-30Ah Batteries For charging 12-volt Wet Cell, Gel Cell, Enhanced Flooded, Maintenance-Free and Calcium batteries. When selected, a white LED will illuminate.
Standby	No Power In standby mode, the charger is not charging or providing any power to the battery. Energy Save is activated during this mode, drawing microscopic power from the electrical outlet. When selected, an orange LED will illuminate.		
		6V NORM Press & Hold	7.25V   750A   2-30Ah Batteries For charging 6-volt, Wet Cell, Gel Cell, Enhanced Flooded, Maintenance-Free and Calcium batteries. When selected, a white LED will illuminate.

# **Technical Specifications**

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Input Voltage AC:	Input Voltage AC: 110-120 VAC, 50-60Hz Type of Batteries:		6V & 12V			
Working Voltage AC:	85-130 VAC, 50-60Hz	Battery Chemistries:	Wet, Gel, MF, CA, EFB, AGM			
Efficiency:	85% Approx.	Battery Capacity:	2-30Ah (12V), 2-30Ah (6V),			
Power:	13W Max		Maintains All Battery Sizes			
Low-Voltage Detection:	2V (12V), 2V (6V)	Housing Protection:	IP60			
Back Current Drain:	<5mA	Cooling:	Natural Convection			
Ambient Temperature:	0°C to +40°C, 32°F to +104°F	Dimensions (LxWxH):	4.4 x 2.7 x 1.5 in (112 x 69 x 38mm)			
Charger Type:	8 Step, Smart Charger	Weight:	0.49 Pounds (0.22 kg)			

# Charging Steps



### Retail Packaging:

Dimensions: 6.46"x3.78"x4.02" (164 x 96 x 102mm) Weight: 1.08lbs (0.49kg)

UPC: 0-46221-10031-0 Inner Carton:

Dimensions: 6.77"x4.09"x4.53" (172 x 104 x 115mm) (cont'd.) Weight: 1.26lbs (0.57kg) **Master Carton:** 

Dimensions: 17.24"x14.25"x9.84" (438 x 362 x 250mm) Weight: 21.65lbs (9.82kg)

Quantity: 16

UCC: 10046221100317 Units Per Pallet: 576 Units

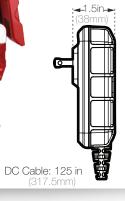


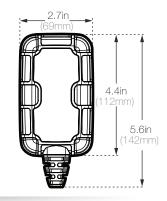


CONFORMS TO UL STD. UL1236 CERTIFIED TO CSA STD. C22.2 No.107.2

# What's In The Box

- G750 Smart Charger
- Battery Clamp Connectors w/ Integrated Eyelets
- User Guide and Information Guide & Warranty





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