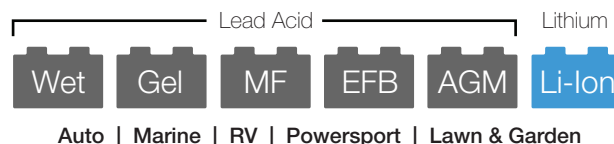


# G3500EU 3.5A 6V&12V



## UltraSafe® Battery Charger™



Charge Fully Drained Batteries Up To **120Ah**. 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.



### Thermal Monitor.

Internal temperature sensors adjust charge based on ambient climate.



### Safe.

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



### Memory.

Returns to last-selected mode when restarted.



### Interactive.

Alters the charging process based on organic battery feedback.



### 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.

Charge **6V&12V** Batteries Up To 120Ah. Maintain All Battery Sizes.

The NOCO Company  
30339 Diamond Parkway, #102  
Glenwillow, OH 44139 | USA  
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Since 1914

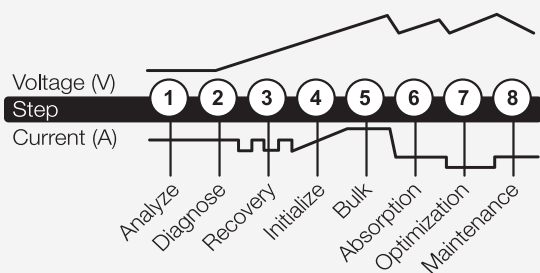
## Charging Modes

Mode	Explanation		
Standby	<b>No Power</b> 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.	12V COLD/ AGM [Small]	<b>14.8V   900mA   2-35Ah Batteries</b> For charging 12-volt batteries in cold temperatures below 50°F (10°C) or AGM batteries. When selected, a blue LED will illuminate.
12V NORM	<b>14.5V   3.5A   2-120Ah Batteries</b> For charging 12-volt Wet Cell, Gel Cell, Enhanced Flooded, Maintenance-Free and Calcium batteries. When selected, a white LED will illuminate.	6V NORM Press & Hold	<b>7.25V   3.5A   2-120Ah Batteries</b> For charging 12-volt lithium-ion batteries, including lithium iron phosphate. When selected, a blue LED will illuminate.
12V COLD/ AGM	<b>14.8V   3.5A   2-120Ah Batteries</b> For charging 12-volt batteries in cold temperatures below 50°F (10°C) or AGM batteries. When selected, a blue LED will illuminate.	12V LITHIUM Press & Hold	<b>14.2V   3.5A   2-120Ah Batteries</b> For charging 12-volt advanced AGM batteries, which requires a higher than normal charging voltage. When selected, a blue LED will illuminate.
12V NORM [Small]	<b>14.5V   900mA   2-35Ah Batteries</b> For charging 24-volt, Wet Cell, Gel Cell, Enhanced Flooded, Maintenance-Free and Calcium batteries. When selected, a white LED will illuminate.	12V REPAIR Press & Hold	<b>13.6V   1.5A   Any Capacity</b> Converts to a DC power supply for powering any 12VDC device, like a tire inflator, oil changer, or as a memory retainer when replacing a battery. When selected, a red LED will illuminate.

## Technical Specifications

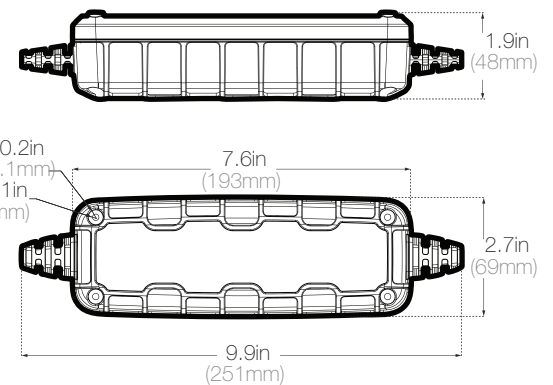
Input Voltage AC:	Type C, 220-240V VAC, 50-60Hz	Type of Batteries:	6V & 12V
Working Voltage AC:	Type C, 220-240V VAC, 50-60Hz	Battery Chemistries:	Wet, Gel, MF, CA, EFB, AGM, LIB
Efficiency:	85% Approx.	Battery Capacity:	2-120Ah (12V), 2-120Ah (6V), Maintains All Battery Sizes
Power:	60W Max	Housing Protection:	IP65
Low-Voltage Detection:	2V (12V), 2V (6V)	Cooling:	Natural Convection
Back Current Drain:	<5mA	Dimensions (LxWxH):	7.6 x 2.7 x 1.9 in (193 x 69 x 48mm)
Ambient Temperature:	0°C to +40°C, 32°F to +104°F	Weight:	1.13 Pounds (0.51 kg)
Charger Type:	8 Step, Smart Charger		

## Charging Steps



## What's In The Box

- G3500 Smart Charger
- Battery Clamp Connectors w/ Integrated Eyelets
- User Guide and Information Guide & Warranty



### Retail Packaging:

Dimensions: 10.47"x3.66"x4.80"  
(266 x 93 x 122mm)  
Weight: 1.86lbs (0.84kg)  
UPC: 0-46221-12005-9  
Inner Carton:  
Dimensions: 10.79"x4.02"x5.28"  
(274 x 102 x 134mm)

(cont'd.) Weight: 2.11lbs (0.96kg)

### Master Carton:

Dimensions: 22.36"x12.91"x11.42"  
(568 x 328 x 290mm)  
Weight: 26.98lbs (12.24kg)  
Quantity: 12  
UCC: 10046221120056  
Units Per Pallet: 360 Units



CONFORMS TO EN60335-1, EN60335-2-29, EN62233, EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3

AC Cable: 75 in (190.5cm)  
DC Cable: 56 in (142.24cm)

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