

GEN2 20A 12V 2 Bank

Lead Acid
Wet Gel MF EFB AGM
Auto | Marine | RV | Powersport | Lawn & Garden

On-Board Battery Charger™



Charge Fully Drained Batteries Up To **230Ah/bank**. Maintain All Battery Sizes. Boats and a wide range of equipment. Perfect for harsh conditions.

Ultra-compact, rugged, and water proof, the fully-sealed charger can be mounted directly onto a variety of applications. Features **spark proof technology** and **reverse polarity protection**. Charges **2X faster** than ordinary chargers. Stay connected 24/7 with **zero overcharge**.



Firewall.

Multi-level safety barrier prevents unsafe and abnormal conditions.



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.



Optimization.

Stabilizes internal battery chemistry for increased performance and longevity.



Interactive.

Alters the charging process based on organic battery feedback.



Rugged.

Dirt, water, UV, impact and crush resistant.



Maintenance Plus.

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



Safe.

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



Ignition Protected.

Non-ignited and temperature controlled for safe and worry-free operation.

Charge **12V** Batteries Up To 230Ah/bank. Maintain All Battery Sizes.

The NOCO Company
30339 Diamond Parkway, #102
Glenwillow, OH 44139 | USA
1.800.456.6626

no.co

NOCO
Since 1914

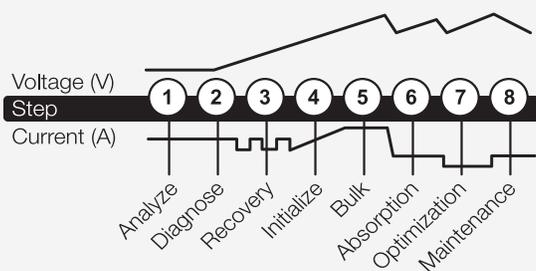
Understanding LED Lights

| LED | Explanation | Orange Solid Reverse Polarity | If a Reverse Polarity condition exists, the ORANGE ERROR LED will illuminate. This ERROR condition will be displayed whether the charger is plugged in or disconnected from an AC power source. Reverse the battery connections to fix this ERROR. |
|---------------------------|--|-------------------------------|---|
| Red Solid Charging | When the battery is charging, the CHARGE LED will be illuminated RED. The CHARGE LED will remain a solid RED color (not blinking) until the battery is fully charged. | All Flashing Error Condition | If an ERROR condition exists, the Charge LED(s) will flash, and/or the ERROR LED will illuminate and/or flash. There are several reasons an ERROR condition could exist. For help troubleshooting ERROR conditions, see the section entitled TROUBLESHOOTING. |
| Green Solid Fully Charged | When the battery is fully charged, the CHARGE LED will be illuminated GREEN. The CHARGE LED will remain a solid GREEN color (not blinking) until either the battery charger is disconnected or the battery becomes discharged. | Red/Green Alternating Standby | When no battery is connected, the LED lights will alternate between RED and GREEN. |

Technical Specifications

| | | | |
|---------------------|----------------------------------|----------------------|---|
| Input Voltage AC: | 110-120 VAC, 50-60Hz | Type of Batteries: | 12V Lead-Acid |
| Working Voltage AC: | 70-130 VAC, 50-60Hz | Battery Chemistries: | Wet, Gel, MF, EFB, AGM |
| Nominal Voltage: | 12VDC x 2 | Battery Capacity: | Up To 230Ah, Maintains All Battery Sizes |
| Efficiency: | 90% Approx. | Housing Protection: | IP68 |
| Charging Voltage: | 14.4V | Cooling: | Natural Convection |
| Back Current Drain: | <5mA | Dimensions (LxWxH): | 8.5 x 6.5 x 3.3 Inches |
| Ripple: | <2% | Weight: | 8.7 Pounds |
| Charger Type: | 8 Step, Fully Auto., Switch-Mode | | |

Charging Steps



What's In The Box

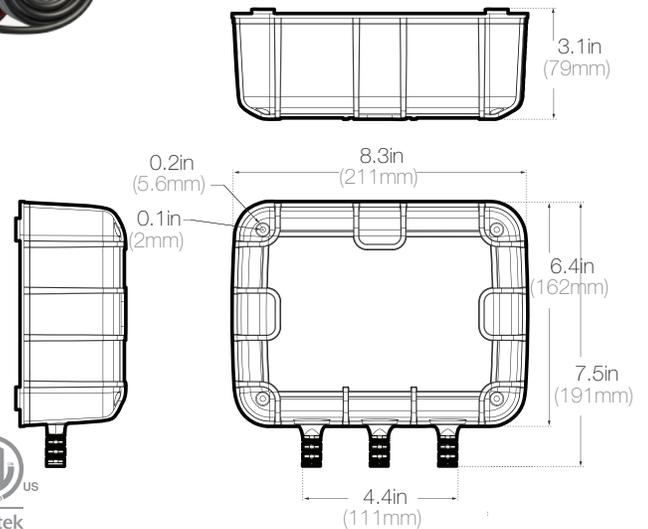
- GEN2 Smart Charger
- Mounting Screws
- User Guide and Information Guide & Warranty

2 Bank 20A

12V + 12V
10A 10A

Charging Times

| Battery Size (Ah) | Approx. Time (Hrs) | 70 | 4.5 |
|-------------------|--------------------|-----|------|
| 20 | 1.3 | 80 | 5.0 |
| 30 | 2.5 | 90 | 6.3 |
| 40 | 3.0 | 100 | 7.5 |
| 50 | 3.5 | 110 | 10.0 |
| 60 | 4.0 | 120 | 11.5 |



Retail Packaging:

Dimensions: 10.71"x8.98"x5.87"
Weight: 9.06lbs
UPC: 0-46221-09027-7
Inner Carton:
Dimensions: 11.02"x9.37"x6.30"
Weight: 9.66lbs

Master Carton:

Dimensions: 19.76"x11.81"x13.58"
Weight: 40.12lbs
Quantity: 4
UCC: 10046221090274
Units Per Pallet: 128 Units



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

AC Cable: 72in DC Cable: 78in

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