GENM1 **4**A 12V 1 Bank

Lead Acid

| Wet | Gel | MF | EFB | AGM |

Auto | Marine | RV | Powersport | Lawn & Garden

On-Board Battery Charger™

NOCO

Waterproof™

GEN MINI 1
1 BANK 4A

NOCO ⚛ genius®

CHARGE ⚠️

BANK 1
12V OUT 4A

AC IN

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

Optimization.
Stabilizes internal battery chemistry for increased performance and longevity.

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

Energy Save.
Minimizes energy consumption when full power is not needed.

Interactive.
Alters the charging process based on organic battery feedback.

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

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

Rugged.
Dirt, water, UV, impact and crush resistant.

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

Charge **12V** Batteries Up To 120Ah/bank. Maintain All Battery Sizes.

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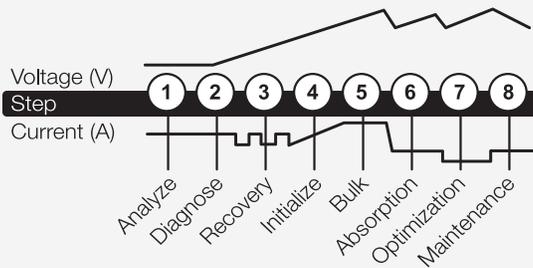Glenwillow, OH 44139 | USA
1.800.456.6626

no.co

NOCO
Since 1914

Understanding LED Lights

LED	Explanation
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.
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.

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.
All Flashing Error Condition	If an ERROR condition exists, the Charge LED(s) will flash, and/or the ERROR LED with illuminate and/or flash. There are several reasons an ERROR condition could exist. For help troubleshooting ERROR conditions, see the section entitled TROUBLESHOOTING.
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	Battery Capacity:	Up To 120Ah, Maintains All Battery Sizes
Efficiency:	90% Approx.		
Charging Voltage:	14.4V	Housing Protection:	IP68
Back Current Drain:	<5mA	Cooling:	Natural Convection
Ripple:	<2%	Dimensions (LxWxH):	6.6 x 3.8 x 2.2 Inches
Charger Type:	8 Step, Fully Auto., Switch-Mode	Weight:	3.3 Pounds

Charging Steps

Voltage (V)
Step
Current (A)

1 2 3 4 5 6 7 8

Analyze Diagnose Recovery Initialize Bulk Absorption Optimization Maintenance

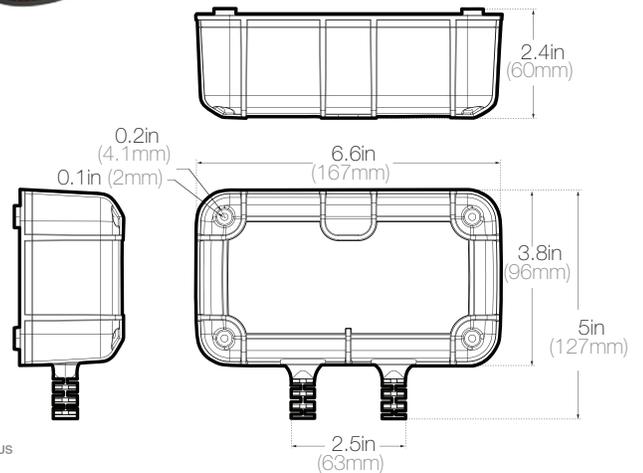GEN MINI 1 1 BANK 4A

What's In The Box

- GENM1 Smart Charger
- Mounting Screws
- User Guide and Information Guide & Warranty

1 Bank 4A   **12V** 4A

Charging Times

Battery Size (Ah)	Approx. Time (Hrs)	Battery Size (Ah)	Approx. Time (Hrs)
		70	8.7
20	2.5	80	10.0
30	3.7	90	11.2
40	5.0	100	12.5
50	6.2	110	13.7
60	7.5	120	15.0

2.4in (60mm)

0.2in (4.1mm)
0.1in (2mm)
6.6in (167mm)
3.8in (96mm)
5in (127mm)
2.5in (63mm)

AC Cable: 72in   DC Cable: 78in

Retail Packaging:
Dimensions: 8.74"x5.08"x7.56"
Weight: 3.71lbs
UPC: 0-46221-12072-1
Inner Carton:
Dimensions: 9.06"x7.95"x5.51"
Weight: 4.19lbs

Master Carton:
Dimensions: 18.90"x16.73"x12.05"
Weight: 35.38lbs
Quantity: 8
UCC: 10046221120728
Units Per Pallet: 192 Units

BC

c ETL us LISTED
Intertek
4001276

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