

12V GEN SERIES



WATERPROOF ON-BOARD BATTERY CHARGERS.™

IP68

100% WATERPROOF.

The GEN series is 100% waterproof and designed to withstand hours underwater. On-board chargers built for extreme conditions.

0.0V

FORCE MODE.

For extremely dead batteries lower than 1-volt, manually turn on force mode to detect and charge batteries all the way down to zero volts.

24/7

ZERO OVERCHARGE.

Safely charge any battery year-round. Charge continuously without user intervention and with zero risk of overcharging your battery.

12V

MULTI-CHEMISTRY. MULTI-TYPE.

Charge flooded, gel, maintenance-free, AGM, and lithium batteries. For use with starter, deep-cycle, marine batteries, and more.



LEAD ACID

WET

GEL

MF

EFB

AGM

LI-ION

STARTER | DEEP CYCLE | DUAL-PURPOSE

NOCO

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

no.co



104°F
40°C

NOCO genius GEN 5X3

-4°F
-20°C

CHARGING MODES

12V

Used for 12V wet cell, gel, enhanced flooded, maintenance-free, & calcium batteries.



AGM

Used for 12V AGM or maintenance-free batteries.



LITHIUM

Used for 12V lithium-ion batteries (including lithium iron phosphate). Only for batteries with Battery Management Systems (BMS).



REPAIR

Used to repair old, idle, damaged, stratified, or sulfated batteries.



FORCE MODE

Used to charge batteries below 1V. All charge mode LED's will flash and the selected mode will illuminate. Management Systems (BMS).



ADVANCED DIAGNOSTICS

STANDBY

The charger is in standby or the battery voltage is too low for the charger to detect.



BAD BATTERY

There is a possible battery short or the battery will not hold a charge. Consult a professional.



HIGH VOLTAGE

The battery voltage is too high for the selected charge mode. Check the battery and charge mode.



REVERSE POLARITY

Charger is connected to the battery in reverse. Reverse the connections.



THERMAL COMPENSATION.

The new integrated thermal sensor automatically monitors and adjusts the charging cycle based on fluctuations of ambient temperature. Avoids under-charging in cold weather down to -4°F and avoids over-charging in hot weather up to 104°F.

Battery Size

CHARGING TIMES

20Ah	3hr
40Ah	6hr
80Ah	12hr
100Ah	15hr
120Ah	18hr

*Approximate charging times at 50% depth of discharge.



GEN5X1

GEN5X2

GEN5X3

CHARGING CURRENT:

5A

10A

15A

CURRENT PER BANK:

5A

OUTPUT POWER:

72W

145W

220W

CHARGING BANKS:

1

2

3

DIMENSIONS:

4.6 x 2.9 x 1.9in
(117 x 74 x 48mm)

6.4 x 4.7 x 2.1in
(163 x 119 x 53mm)

7.1 x 5.7 x 2.2in
(180 x 145 x 56mm)

WEIGHT:

1.85 lbs
(0.84 kg)

4.17 lbs
(1.89 kg)

5.76 lbs
(2.61 kg)

WHATS IN THE BOX:

- GEN5X1 On-Board Battery Charger
- (2) #8 27mm Self-Tapping Screws
- User Guide & Warranty

- GEN5X2 On-Board Battery Charger
- (2) #8 27mm Self-Tapping Screws
- User Guide & Warranty

- GEN5X3 On-Board Battery Charger
- (2) #8 27mm Self-Tapping Screws
- User Guide & Warranty

VOLUMETRICS:

Retail Packaging:

Dimensions:
7.22" x 5.16" x 5.16"
Weight: 1.85lbs
UPC: 0-46221-19044-1

Inner Carton:

Dimensions:
7.44" x 5.3" x 5.59"
Weight: 2.95lbs

Master Carton:

Dimensions:
11.77" x 8.03" x 11.5"
Weight: 7.4lbs
Quantity: 4
UCC: 10046221190448

Units Per Pallet:

192 Units

Retail Packaging:

Dimensions:
9.57" x 7.25" x 5.629"
Weight: 4.404lbs
UPC: 0-46221-19045-8

Inner Carton:

Dimensions:
9.57" x 7.25" x 5.63"
Weight: 4.404lbs

Master Carton:

Dimensions:
15.55" x 10" x 12.125"
Weight: 17.614lbs
Quantity: 4
UCC: 10046221190455

Units Per Pallet:

120 Units

Retail Packaging:

Dimensions:
10.315" x 9.016" x 5.629"
Weight: 7.189lbs
UPC: 0-46221-19046-5

Inner Carton:

Dimensions:
10.135" x 9.016" x 5.629"
Weight: 6.09lbs

Master Carton:

Dimensions:
10.905" x 9.606" x 12.125"
Weight: 12.175lbs
Quantity: 4
UCC: 10046221190462

Units Per Pallet:

96 Units

TECHNICAL SPECIFICATIONS

INPUT VOLTAGE AC:

120-240 VAC, 50-60Hz

LOW-VOLTAGE DETECTION:

1V (12V)

BACK CURRENT DRAIN:

<0.5mA

AMBIENT TEMPERATURE:

-20°C to +40°C (-4°F to +104°F)

HOUSING PROTECTION:

IP68

COOLING:

Natural Convection

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