



# 12V GEN SERIES



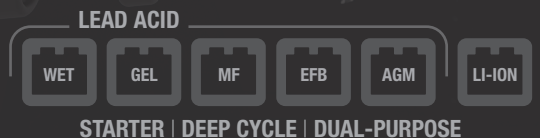
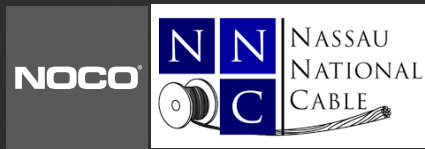
## WATERPROOF ON-BOARD BATTERY CHARGERS.™

**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.





### 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.



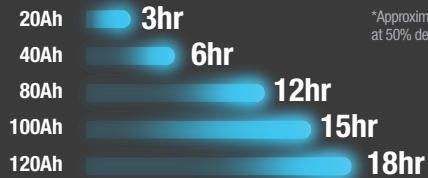
**REVERSE POLARITY**  
Charger is connected to the battery in reverse. Reverse the connections.



### 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



\*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

**Master Carton:**

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

**Inner Carton:**

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

**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/WORKING VOLTAGE AC: 120-240 VAC, 50-60Hz

AMBIENT TEMPERATURE: -20°C to +50°C

LOW-VOLTAGE DETECTION: 1V (12V)

HOUSING PROTECTION: IP68

BACK CURRENT DRAIN: <0.5mA

COOLING: Natural Convection

NOCO



ノコ・ジャパン合同会社