

Product Release

11

January 2021

6V&12V
GENIUS SERIES
MULTI-BANK


MULTI-BANK BATTERY CHARGERS AND MAINTAINERS.™

2A PER BANK

MULTI-BANK.

Charge and maintain multiple batteries at once. Designed for cars, motorcycles, boats, ATVs, RVs, lawn mowers, lawn tractors, trucks, and more.

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.

6V|12V

MULTI-CHEMISTRY. MULTI-TYPE.

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



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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).



6V

Used for 6V wet cell, gel, enhanced flooded, maintenance-free, & calcium 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.



TEMPERATURE

The charger internal temperature is too high. Charger will resume once the temperature is back within operating limits.



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 -4F° and avoids over-charging in hot weather up to 104F°.

Battery Size CHARGING TIMES

8Ah	3hr
12Ah	4.5hr
18Ah	6.75hr
24Ah	9hr
40Ah	15hr

*Approximate charging times at 50% depth of discharge.



GENIUS2X2

GENIUS2X4

CHARGING CURRENT:

4A

8A

CURRENT PER BANK:

2A

2A

OUTPUT POWER:

60W

120W

CHARGING BANKS:

2

4

DIMENSIONS:

4.4 x 5.1 x 1.9in (112 x 130 x 48mm)

5.7 x 9.4 x 2.3in (145 x 239 x 58mm)

WEIGHT:

1.1 lbs (0.5kg)

3.9 lbs (1.77kg)

WHATS IN THE BOX:

- GENIUS2X2 Battery Charger w/ (2) Interchangeable Connectors
- (2) Clamps w/ Integrated Eyelets
- (2) 10' Extension Cords
- (2) #8 27mm Self-Tapping Screws
- Type A, C, G, and I Power Cables
- User Guide & Warranty Information

- GENIUS2X4 Battery Charger w/ (4) Interchangeable Connectors
- (4) Clamps w/ Integrated Eyelets
- (4) 10' Extension Cords
- (2) #8 27mm Self-Tapping Screws
- Type A, C, G, and I Power Cables
- User Guide & Warranty Information

TECHNICAL SPECIFICATIONS

INPUT/ WORKING VOLTAGE AC:

100-240 VAC, 50-60Hz

AMBIENT TEMPERATURE:

-20°C to +40°C

LOW-VOLTAGE DETECTION:

1V (12V), 1V (6V)

HOUSING PROTECTION:

IP60

BACK CURRENT DRAIN:

<0.5mA

COOLING:

Natural Convection