

6 V | 12 V | 24 V

NOCO genius PRO 50™



A MULTI-VOLTAGE PROFESSIONAL BATTERY CHARGER.™

MULTI-VOLTAGE

6 V, 12 V, & 24 V

6 volt (50 amps), 12 volt (50 amps), and 24 volt (25 amps) for lead-acid automotive, marine, and deep-cycle batteries, including flooded, gel, AGM, and maintenance-free, plus lithium-ion.

0.0 V

FORCE MODE

For extremely dead batteries lower than 1 volt, manually turn on force mode to detect and charge batteries from 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.

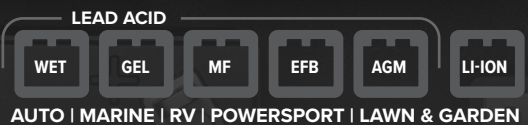
-40 °C

ULTRA-FLEXIBLE CABLING

Featuring ultra-flexible silicone cabling - down to -40 °C - with protective nylon-braided shielding for maximum protection against abrasion.



NOCO

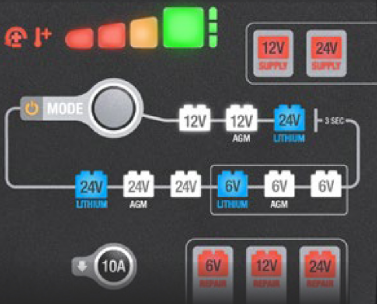


AUTO | MARINE | RV | POWERSPORT | LAWN & GARDEN

0861 8797663
TRYSOME

TRYSOME
AUTO-ELECTRICAL ENGINEERING

NOCO genius PRO 50™



CHARGING MODES

LEAD-ACID

Used for 6 V, 12 V, & 24 V wet cell, gel, enhanced flooded, maintenance-free, & calcium batteries.



AGM

Used for 6 V, 12 V, & 24 V AGM or maintenance-free batteries.



LITHIUM

Used for 6 V, 12 V, 24 V 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.



SUPPLY

Converts to a DC power supply for 12 V or 24 Vdc devices, or as a memory retainer when replacing a battery.



FORCE

Used to charge batteries below 1 V. All charge mode LEDs will flash and the selected mode will illuminate.



5 A MODE

Allows the unit to operate at a lower charge current for smaller batteries or maintenance.



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



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 -20 °C and avoids over-charging in hot weather up to 50 °C.

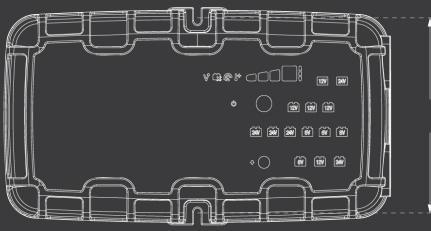
Battery Size CHARGING TIMES (based on 6 V/12 V modes)

50 Ah	0.75 hr	Approximate charging times at 50% depth of discharge.
100 Ah	1.5 hr	
200 Ah	3 hr	
500 Ah	6 hr	
1000 Ah	15 hr	

TECHNICAL SPECIFICATIONS

CHARGING CURRENT:	50 A (6 V, 12 V), 25 A (24 V) DC
TYPES OF BATTERIES:	6 V, 12 V, 24 V
OUTPUT POWER:	750 w
CHARGING VOLTAGE:	VARIOUS
WEIGHT:	5.0 lbs (1.22 kg)
INPUT/ WORKING VOLTAGE AC:	100-240 Vac, 50-60 Hz
LOW-VOLTAGE DETECTION:	1 V (6 V, 12 V, 24 V)
BACK CURRENT DRAIN:	<0.5 mA
AMBIENT TEMPERATURE:	-4 °F TO +122 °F (-20 °C TO +50 °C)
HOUSING PROTECTION:	IP20
COOLING:	FORCED AIR

WHAT'S IN THE BOX

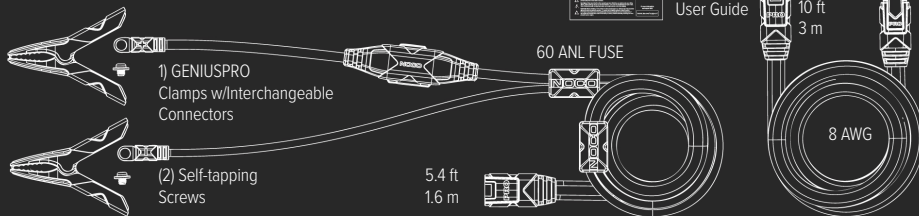


12.4" x 6.9" x 3.8" (316 x 176 x 7.5 cm)

*Accessories not to scale with GENIUSPRO5



EVA CASE



1) GENIUSPRO Clamps w/Interchangeable Connectors

(2) Self-tapping Screws

5.4 ft
1.6 m

60 ANL FUSE

User Guide

10 ft
3 m

8 AWG

T 16A



This product may not be a stock item. Please speak to our sales representative about lead times. Lead times, price, and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.

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Call us today!

TRYSOME

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Delivering Optimal **Uptime!**

