

6V | 12V | 24V

GENIUSPRO50



# A MULTI-VOLTAGE PROFESSIONAL BATTERY CHARGER.™

## MULTI-VOLTAGE

### 6V, 12V, & 24V.

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.

## 0.0V

### 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.

## -40°C

### ULTRA-FLEXIBLE CABLING.

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



LEAD ACID

WET

GEL

MF

EFB

AGM

LI-ION

AUTO | MARINE | RV | POWERSPORT | LAWN & GARDEN

NOCO

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

NO.CO

# NOCO genius PRO 50



## CHARGING MODES

### LEAD-ACID

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



### AGM

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



### LITHIUM

Used for 6V, 12V, 24V 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 12V or 24V DC devices, or as a memory retainer when replacing a battery.



### FORCE

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



### 10A 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 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 -4°F and avoids over-charging in hot weather up to 122°F.

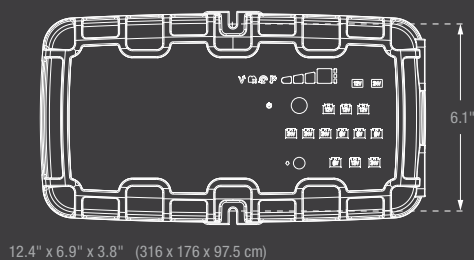
## Battery Size CHARGING TIMES (based on 6V/12V modes)

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

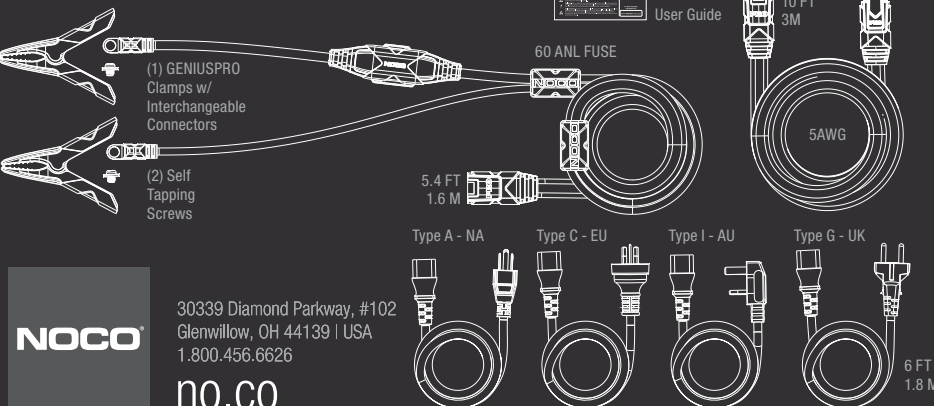
## TECHNICAL SPECIFICATIONS

CHARGING CURRENT:	50A (6V, 12V), 25A (24V)	
TYPES OF BATTERIES:	6V, 12V, 24V	
OUTPUT POWER:	750W	
CHARGING VOLTAGE:	Various	
WEIGHT:	5.0 lbs (2.26kg)	
INPUT/WORKING VOLTAGE AC:	100-240 VAC, 50-60Hz	
LOW-VOLTAGE DETECTION:	1V (6V, 12V, 24V)	
BACK CURRENT DRAIN:	<0.5mA	
AMBIENT TEMPERATURE:	-4°F to +122°F (-20°C to +50°C)	
HOUSING PROTECTION:	IP20	
COOLING:	Forced Air	
VOLUMETRICS:	<b>Retail Packaging:</b> Dimensions: 18.11" x 11.22" x 9.65" Weight: 17.04lbs UPC: 0-46221-19051-6	<b>Master Carton:</b> Dimensions: 23.31" x 18.98" x 10.51" Weight: 36.49lbs Quantity: 2 UCC: 10046221190523
	<b>Inner Carton:</b> Dimensions: 16.93" x 9.92" x 7.76" Weight: 12.1lbs	<b>Units Per Pallet:</b> 48 Units

## WHAT'S IN THE BOX



\*Accessories not to scale with GENIUSPRO50



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