

NOCO® 6 V | 12 V | 24 V GENIUSPRO50



T120016956

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.

0.0V

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.



AUTO | MARINE | RV | POWERSPORT | LAWN & GARDEN



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 V DC 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.



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's 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.

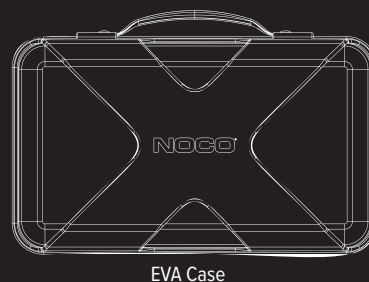
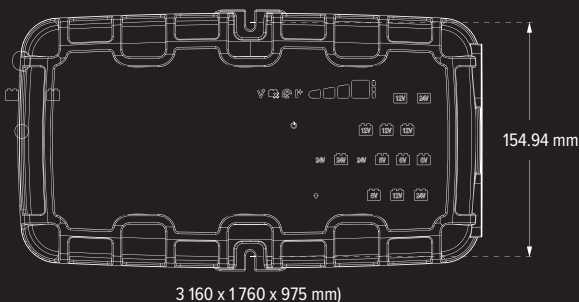
BATTERY SIZE CHARGING TIMES (based on 6 V/12 V modes)

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	
1 000 Ah		15 hr	

TECHNICAL SPECIFICATIONS

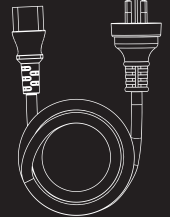
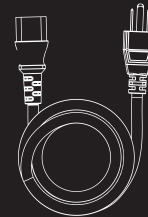
CHARGING CURRENT	50 A (6 V, 12 V), 25 A (24 V)
TYPES OF BATTERIES:	6 V, 12 V, 24 V
OUTPUT POWER	750 w
CHARGING VOLTAGE	Various
WEIGHT	2.26 kg
INPUT/ WORKING VOLTAGE AC	100-240 VAC, 50-60 Hz
LOW-VOLTAGE DETECTION	1 V (6 V, 12 V, 24 V)
BACK CURRENT DRAIN:	<0.5 mA
AMBIENT TEMPERATURE	(-20 °C to +50 °C)
HOUSING PROTECTION	IP20
COOLING	Forced Air

WHAT'S IN THE BOX



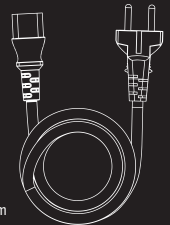
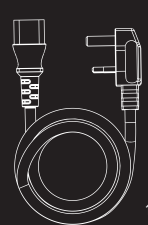
Type A - NA

Type C - EU

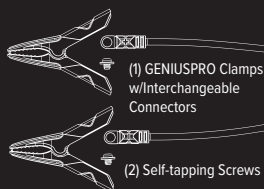


Type I - AU

Type G - UK



User Guide



*Accessories not to scale with GENIUSPRO50



POWER SUPPLY

AutoTech | RiskTech | ManTech | ServTech | FleetTech | EngTech

Eastern Cape - Port Elizabeth
T: +27 (0)82 450 6596

Free State - Bloemfontein
T: +27 (0)63 257 0505

Gauteng - Bedfordview (FleetTech)
T: +27 (0)10 329 0932

Gauteng - Jet Park (HQ)
T: +27 (0)11 823 5650

KwaZulu Natal - Pinetown
T: +27 (0)31 303 4129

Mpumalanga - Middelburg
T: +27 (0)13 692 8132

Northern Cape - Kathu
T: +27 (0)53 723 3415

North West - Rustenburg
T: +27 (0)14 596 5257

Western Cape - Cape Town
T: +27 (0)21 945 1453

Botswana - Gaborone
T: +267 399 4150

Mozambique - Tete
T: +258 252 20666

Zambia - Kitwe
T: +26 (0)21 222 5338

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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.