

NG-61
12V CHARGER



PRODUCT CODE: 40052

INSTRUCTION MANUAL

SAFETY



CAUTION: Read the operating instructions to reduce the risk of inquiry.

SAFETY WARNINGS

- 1) Keep the battery charger away from rain or moisture. Penetration of water in the battery charger increases the risk of an electric shock.
- 2) Only charge Nova Gear lithium ion batteries or batteries installed in Nova Gear products with the voltages listed in the technical data. Otherwise there is danger of fire and explosion.
- 3) Keep the battery charger clean. Contamination can lead to danger of an electric shock.
- 4) Before each use, check the battery charger, cable and plug. If damage is detected, do not use the battery charger. Never open the battery charger yourself. Have repairs performed only by a qualified technician and only using original spare parts. Damaged battery chargers, cables and plugs increase the risk of an electric shock.
- 5) Do not operate the battery charger on easily inflammable surfaces (e.g. paper, textiles, etc.) or surroundings. The heating of the battery charger during the charging process can pose a fire hazard.

- 6) Do not use this charger with non-rechargeable batteries.
- 7) In case of damage and improper use of the battery, vapors may be emitted. Provide fresh air and seek medical help in case of complaints. The vapors can irritate the respiratory system.
- 8) Supervise children. This will ensure that children do not play with the charger.
- 9) Children or persons that owing to their physical, sensory or mental limitations or to their lack of experience or knowledge, are not capable of securely operating the charger, may only use this charger under supervision or after having been instructed by a responsible person. Otherwise, there is danger of operating errors and injuries.

NOTE: Improper handling, misuse or a breakdown of the electrical system that occurs due to the non-compliance of the electric regulations and VDE regulations 0100, DIN 57113 / VDE0113 will be exempt from the warranty guarantee.

PRODUCT OVERVIEW

Read through the complete text in the operating instructions before using the device. The operating instructions are intended to help

the user to become familiar with the machine and take advantage of its application possibilities in accordance with the recommendations. The operating instructions contain important information on how to operate the machine safely, professionally and economically, how to avoid danger, costly repairs, reduce downtimes and how to increase reliability and service life of the machine. In addition to the safety regulations in the operating instructions, you have to meet the applicable

regulations that apply for the operation of the machine in your country. Keep the operating instructions package with the machine at all times and store it in a plastic cover to protect it from dirt and moisture. Read the instruction manual each time before operating the machine and carefully follow its information. The machine can only be operated by persons who were instructed concerning the operation of the machine and who are informed about the associated dangers.



OPERATION



NOTE: Observe the mains voltage!

The voltage of the power supply must correspond with the data given on the nameplate of the battery charger.

Battery chargers marked with 230 V can also be operated with 220 V.

The charging procedure starts as soon as the mains plug of the battery charger is plugged into the socket outlet and the battery is inserted into the charging compartment. Due to the intelligent charging method, the charging condition of the battery is automatically detected and the battery is charged with the optimum charging current, depending on battery temperature and voltage. When the battery is not inserted, continuous red lighting of the battery charge indicator indicates that the mains plug is inserted in the socket and that the battery charger is ready for operation.

NOTE: The rapid-charging procedure is only possible when the battery temperature is within the allowable charging temperature range.

CHARGING PROCEDURE





a) To charge the battery, plug the charger into the socket outlet.

- b) When the red light is on, insert the battery into the charging compartment.
- c) Battery is fully charged when the red and green light are solid. Charging time is approximately 30 minutes.
- d) Charge the battery at least once a month to prolong the life of the battery.

EXTENDING BATTERY LIFE

- a) Charge the battery at least once a month, even if you have not used it in order to increase the lifetime.
- b) Remove the battery from your tool after each use and before storing to increase its life.

CHARGING STATUS

DISPLAY	RED LIGHT	GREEN LIGHT	STATUS
	On	Flash	Charging.
	On	On	Fully charged.
	Flash	Off	Battery fault or battery not detected.
	Flash	Flash	Battery is already charged. System temperature above 45°. Allow the battery and charger to cool.

TROUBLE SHOOTING

With continuous or several repetitive charging cycles without interruption, the charger can warm up. This does not indicate a technical defect of the battery charger.

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

FAULT	CAUSE	SOLUTION
No charging procedure	Battery not inserted correctly.	Insert battery correctly.
	Battery contacts contaminated.	Clean the battery contacts or replace battery.
	Battery defective.	Replace the battery.
Battery charge indicators do not light up	Mains plug not correctly plugged in to the socket outlet.	Insert mains power correctly.
	Socket outlet, mains power cable or charger defective.	Check the mains voltage. Have an authorised service agent inspect the battery.
		Replace the battery.

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	NG-61 CHARGER
Product code	40052
Warranty	3 years
Power input	100-240V AC 50/60Hz
Power output	12.6V DC-3.5A
Charge time	30 minutes
Operating temperature	0° to 40°
Only use with	NG-6020 Battery (40050)

WASTE DISPOSAL & RECYCLING

**Do not dispose of this product
in household waste!**

Please recycle this product
responsibly in accordance
with local and national law.

SERVICING

For information on servicing
and repairs please contact
Spot-on on 1300 658 338 or
visit www.spoton.com.au.

WARRANTY

The NG-61 Charger comes with a 3 year manufacturers warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Separate to the above Australia Consumer Law, Spot-on offers a global warranty.

The warranty period commences on the date of purchase, which can be verified on your receipt or invoice. We cannot offer a warranty for damages and defects on appliances or their parts caused by improper use or treatment. Damage caused by failure to comply with the operating manual will be excluded from the warranty. In the event that an unauthorised persons has modified the appliance, the warranty will be rendered void. Damages that are caused by improper handling are excluded from the guarantee.

If you have any concerns or wish to make a warranty claim please contact your retailer or Spot-on Laser and Tool Company on 1300 658 338.

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