

NOCO[®] **genius**[™]

wicked smart chargers[™]

On-Board Marine Battery Chargers

- ✓ Advanced 8-Step Charger
- ✓ Energy Efficient, 90% Efficiency
- ✓ Rapid Charging Technology (RCT)
- ✓ Variable Input Compensated (VIC)
- ✓ Fully Interactive, MCU Controlled
- ✓ Safely Charges Wet, Gel, MF, & AGM Batteries
- ✓ Designed for Safety, Protects Against User Errors
- ✓ Compact Lightweight Design
- ✓ Fully Sealed for Harsh Environments
- ✓ Made in the USA



High-Frequency, High-Efficiency Marine Battery Chargers from 12-48V

*Automatically Diagnoses, Recovers, Charges & Maintains Your Batteries!
Now that's Smart... Wicked Smart!*

Advanced 8-Step Charger



Stage 1 & 2 – Diagnosis & Test
Checks battery voltage to make sure battery connections are good & battery is in a stable condition

Stage 3 – Soft Start
Begins battery charging process with a gentle charge

Stage 4 – Bulk Charge
Begins Bulk battery charging process, returns 80% of battery capacity and voltage to 14.0V

Stage 5 – Absorption Charge
Switches to a constant current charge rate to bring your batteries close to 90% charge.

Stage 6 – Taper Charge
Charges at low current levels until battery has reached 95% of its capacity.

Stage 7 – Top-Off Charge
Charger initiates top-off charge to bring the battery to 100% charge

Stage 8 – 24 Hour
Shuts off, but constantly monitors you battery by providing a gentle charge every 24 hours for maximum battery life.

Energy Efficient, 90% Efficiency

The NOCO Genius Chargers are 90% efficient. Why is that important? Because the higher the efficiency level, the lower the power waste. Unlike other battery chargers, which waste almost half of their rated current, the NOCO Genius charger always performs at an optimal level.

Rapid Charging Technology (RCT)

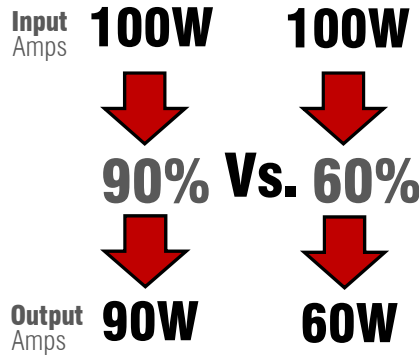
Each NOCO Genius charger comes with Rapid Charging Technology (RCT) programmed inside. Our smart microprocessor and advanced high-frequency design charges batteries 2X faster than traditional linear marine battery chargers. Faster charging means less time to recharge your batteries, and more time on your boat.

Fully Interactive, MCU Controlled

The NOCO Genius charger is a fully automatic and fully interactive Micro-Control-Unit (MCU), which makes its faster, more powerful, more reliable and smarter than the competitive brands. What does that mean to you? Fully Interactive means the charger will adjust itself to changing current and voltage requirements to charge and maintain your batteries.

Variable Input Compensated (VIC)

Rarely are AC line voltages at 120 VAC. Whether you are at a motel, a dock, or even using a long extension cord, AC line voltages will vary. With Variable Input Compensation, the NOCO Genius Charger always delivers a 100% charge to your batteries. Without Variable Input Compensation, other battery chargers lose power and under-charge your batteries, or not at all. Some chargers, when the VAC is above 120, will over-charge your batteries and cause permanent damage. Rest assured, our chargers automatically adjust to varying AC line voltages. Now that's smart!



Designed for Safety, Protects Against User Errors

Each of NOCO Genius chargers contains multiple safety features to protect against user errors. Our safety features include: reverse polarity, short circuit, open circuit, over-temperature, over-charging and spark proof battery hook-up.

24-Hour Mode

Leaving a battery in permanent maintenance charge mode reduces battery life. In fact most battery manufacturers recommend against it. That is why our charger shut-off when the charge sequence is complete and turns "On" every 24 hours to ensure proper maintenance of your battery and making sure your batteries are 100% charged.

Fully Sealed, Yet Completely Serviceable

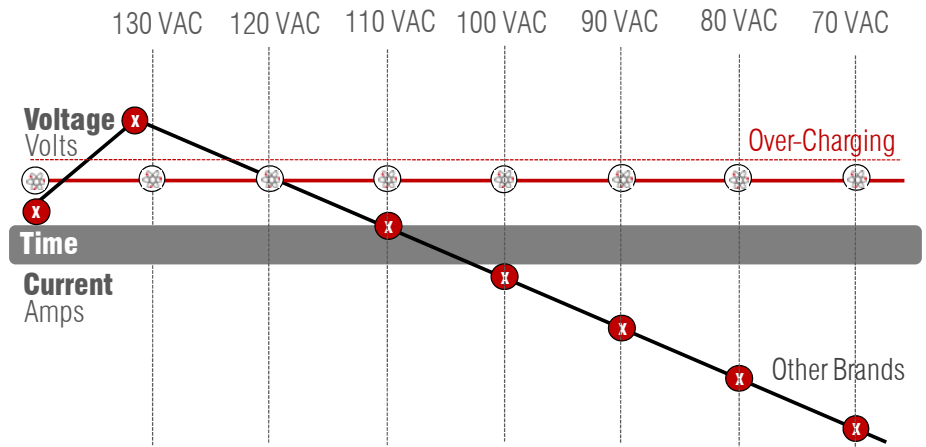
All of our battery chargers are 100% completely sealed which protects are units from the most extreme environments and rated at IP68. Each charger is a fully sealed enclosure, protecting your investment from dirt, water, moisture, oil, gas and other contaminants. Why is this important? Because nothing gets "in" and nothing gets "out". It's that simple. Our unique manufacturing process allows all of our chargers to be 100% completely serviceable, despite being a "potted" unit

Compact Lightweight Design

Our high efficiency power conversion allows the NOCO Genius charger to be light and compact. Making our chargers more versatile than other brands, as they are easy to install and fit into tight locations.

Made in the USA

All of the NOCO Genius On-Board Marine Battery Chargers are designed and manufactured in the USA. With a research and development facility in Arizona and manufacturing facility in Ohio, we have the ability to consistently produce the highest quality and the lowest return rate in the industry. That is why we back our products with a full, three (3) warranty. We believe in our products, so should you!



Part No.	Old Part No.	Banks	Battery System	Per Bank	Total Output	AC Cable Length	Output Cable Length	Enclosure Size	Weight
GEN1	PROPAK1	1	12VDC	10A	10A	5'	6'	6.0"(L) x 5.1"(W) x 2.5"(H)	3.75 LBS
GEN2	PROPAK2	2	12-24VDC	10A	20A	5'	6'/6'	7.0"(L) x 6.0"(W) x 2.5"(H)	5.70 LBS
GEN3	PROPAK3	3	12-36VDC	10A	30A	5'	6'/6'/6'	11.0"(L) x 7.3"(W) x 2.9"(H)	11.6 LBS
GEN4	PROPAK4	4	12-48VDC	10A	40A	5'	6'/6'/6'/6'	11.0"(L) x 7.3"(W) x 2.9"(H)	12.5 LBS
GEN5	PROPAK5	5	12-60VDC	10A	50A	5'	6'/6'/6'/6'/6'	15.3"(L) x 7.5"(W) x 2.9"(H)	15.1 LBS
GEN6	PROPAK6	6	12-72VDC	10A	60A	5'	6'/6'/6'/6'/6'/6'	15.3"(L) x 7.5"(W) x 2.9"(H)	16.0 LBS