

# GX2440 24V 40A

Lead Acid ———— Lithium

Wet	Gel	MF	EFB	AGM	Li-Ion
-----	-----	----	-----	-----	--------

Auto | Marine | Heavy Duty | Industrial

## UltraSafe Industrial Charger™



NOCO

Industrial™

Charge Fully Drained Batteries Up To **425Ah**. **Waterproof** And Tamperproof.

Perfect for industrial vehicles, high-powered tools, daily use vehicles and more.

Ultra-compact, rugged, tamperproof, and waterproof, the industrial charger can be mounted directly onto a variety of surfaces or equipment. Features **spark proof technology** and **reverse polarity protection**. Charges **2X faster** than ordinary chargers. Stay connected 24/7 with **zero overcharge**.



### Firewall.

Multi-level safety barrier prevents unsafe and abnormal conditions.



### Optimization.

Stabilizes internal battery chemistry for increased performance and longevity.



### Maintenance Plus.

Keeps the battery fully charged without over-charging, indefinitely.



### Energy Save.

Minimizes energy consumption when full power is not needed.



### Interactive.

Alters the charging process based on organic battery feedback.



### Safe.

Protects against reverse polarity, sparks, over-charging, overcurrent, open-circuits and overheating.



### Recovery.

Applies a high-voltage pulse charge when low-voltage, sulfation, or lost capacity is detected.



### Rugged.

Dirt, water, UV, impact and crush resistant.



### Opportunity Charge.

Designed to rapidly charge batteries in applications where charging is intermittent between use.

Charge **24V** Batteries Up To 425Ah.

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

no.co

**NOCO**  
Since 1914

## Charging Modes

Mode	Explanation		
Standby	<b>No Power</b> In standby mode, the charger is not charging or providing any power to the battery. Energy Save is activated during this mode, drawing microscopic power from the electrical outlet. When selected, an orange LED will illuminate.	AGM+	<b>31.2V   40A   55-425Ah</b> For charging advanced AGM batteries, which requires a higher than normal charging voltage. When selected, a blue LED will illuminate.
24V NORM	<b>28.8V   40A   55-425Ah</b> For charging 24-volt Wet Cell, Gel Cell, Enhanced Flooded, Maintenance-Free and Calcium batteries. When selected, a white LED will illuminate.	LI-ION	<b>29.2V   40A   55-425Ah</b> For charging lithium-ion batteries, including lithium iron phosphate. When selected, a blue LED will illuminate.
24V Cold/AGM	<b>29.4V   40A   55-425Ah</b> For charging 24-volt batteries in cold temperatures below 50°F (10°C) or AGM batteries. When selected, a blue LED will illuminate.	Repair	<b>32V   5A   Any Capacity</b> An advanced battery recovery mode for repairing and storing, old, idle, damaged, stratified or sulfated batteries. When selected, a red LED will illuminate and flash.
		Supply	<b>27.2V   20A</b> Converts to a DC power supply. When selected, a red LED will illuminate.

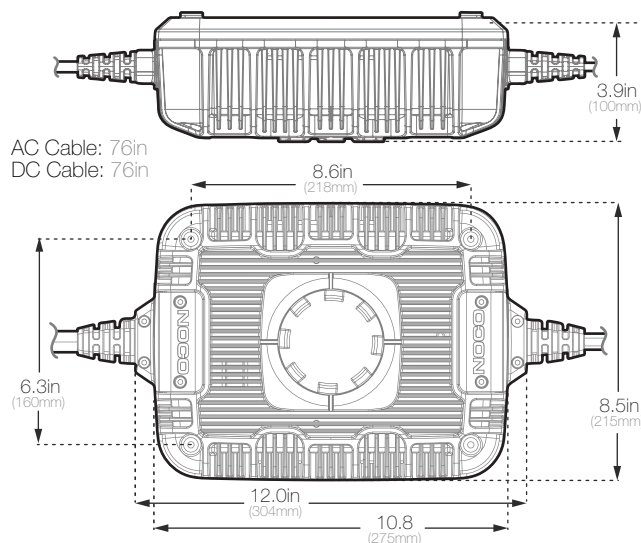
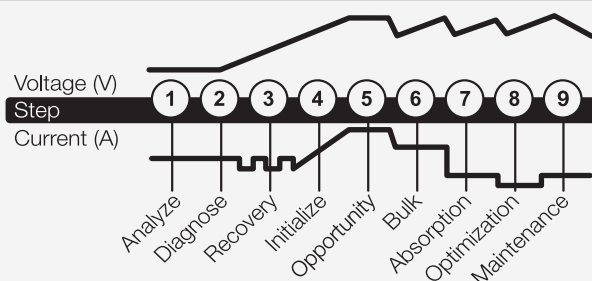
## Technical Specifications

Input Voltage AC:	100-240 VAC, 50-60Hz	Type of Batteries:	24V Lead-Acid & Lithium
Working Voltage AC:	85-240 VAC, 50-60Hz	Battery Chemistries:	Wet, Gel, MF, AGM, EFB, LIB
Power:	960W Max	Battery Capacity:	55-425Ah, Maintains All Battery Sizes
Efficiency:	92% Approx.	Housing Protection:	IP66
Charging Voltage:	28.8V	Cooling:	Natural Convection
Back Current Drain:	<5mA	Dimensions (LxWxH):	12 x 8.5 x 3.9 Inches
Operating Temperature:	-20°C to +50°C	Weight:	13.2 Pounds
Charger Type:	9 Step, Fully Auto., Switch-Mode		

## What's In The Box

- GX2440 Smart Industrial Charger
- AC Cable Plug Type B & DC Cable W/ HD Eyelets
- User Guide and Information Guide & Warranty

## Charging Steps



### Master Carton:

Dimensions:  
18.32"x13.00"x11.75"  
Weight: 28.99lbs  
Quantity: 2  
UCC: 10046221150039  
Units Per Pallet: 80 Units

### Inner Carton:

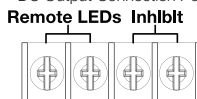
Dimensions:  
17.72"x11.14"x6.14"  
Weight: 14.50lbs  
UPC: 0-46221-15003-2



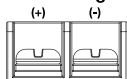
CONFORMS TO UL STD. UL1236  
CERTIFIED TO CSA STD. C22.2 No. 107.2

Intertek  
4001276

### DC Output Connection Port



### Positive Negative



### Inhibit Port (Optional For Operation)

The Inhibit Port contains a Relay rated at 20A. When the Charger has AC power, the relay will close allowing current flow. When the charger is removed from AC power, it takes approximately 15 seconds for the capacitors to discharge and the relay to open.

### Remote LEDs Port (Optional For Operation)

The Remote LEDs Port can be used to connect LEDs for easy monitoring when the charger's LEDs are not accessible. The port supports two LEDs, reversing polarity to change from "Charging" to "Charged."

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

no.co

**NOCO**  
Since 1914