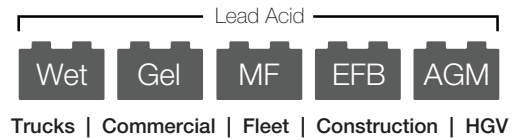


# Product Release

03  
August 2018

**LVGB500** Lithium **20000A** 12V/24V | Class **8+** / **Class CE** Gas & **Diesel**



## Genius **BOOSTMAX** Jump Starter™



**NOCO**  
**12V/24V**  
Commercial™

### **Safely** Jump Start A Dead Battery In Seconds.™

For High-Displacement Gas And Diesel Engines In Trucks, Semis, Buses, HGV, Fleet, Commercial Vehicles, Construction Equipment And More.

Ultra-safe, compact, and portable lithium-ion jump starter for both 12V and 24V battery systems.

Features patented spark-proof technology and reverse polarity protection. Built for gas and diesel engines in Class 8+ / CE highdisplacement vehicles, equipment, trucks, and more. Safe for engines of all sizes. Provides remote power for 12V devices (e.g. tire pumps) and recharges mobile devices, like smartphones, tablets and more.



**UltraSafe™**

Protects against reverse polarity, sparks, over-charging, over-current, open-circuits and over-heating.

**Jump Start**  
**12V/24V**  
Batteries

Switchable 12V and 24V modes, designed for high-displacement engines, covering most applications.

**Voltmeter**  
**12.9V**

Built-in voltmeter displays the voltage of the vehicle's battery for enhanced diagnostics and troubleshooting.

**High-Intensity**  
**LED**  
Work Light

2200 lumen ultra-bright LED work light for extreme visibility. 7 light modes, including SOS and emergency strobe.

For **Gas** & **Diesel** Engines Up To **Class 8+** / **Class CE** Safe To Use On Engines Of Any Size.

# Product Release

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**More Power,**  
A Fraction Of The Size.

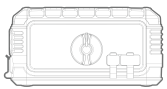
**8X**  
Lighter.

**16X**  
Smaller.

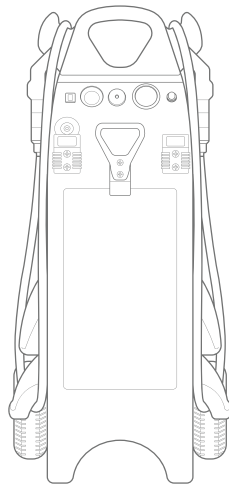
**30%**  
More Powerful.

+ Holds Charge  
4 Times Longer

Available Starting Power (joules)  
= Power (w) X Time (sec)



VS



Genius® **BOOST MAX**™

Leading Traditional  
Lead-Acid Jump Starter

19lbs  
80,000 joules<sup>3S</sup>

152lbs  
57,000 joules<sup>3S</sup>

**!** **Manual Override** is a unique feature designed for rare situations when a vehicle's battery is below 2-volts. Press and hold the manual override button for three (3) seconds, until the Boost LED starts flashing. To exit manual override, press the manual override button again, or the power button. This mode should be used cautiously, as manual override disables safety protection while enabled.

**2.1A USB** Charge Virtually Any USB Device, Including Smartphones And Tablets.

**AC/12V**  
**Fast Charge**  
Recharge Unit From Any AC Wall Outlet Or 12V Port.

**12V Portable Power**  
Remote Power For A Wide Range Of 12V Devices Including Tire Pumps, Inverters, Lights, Phone Chargers And More.

**NOCO Patented Technology.**  
Visit [no.co/patents](http://no.co/patents). Multiple domestic and international patents pending.

## Technical Specifications

Internal Battery:	Lithium-Ion	12V (Input/Output):	12V, 5A IN / 12V, 15A OUT
Peak Current Rating:	20,000A	USB (Output):	Dual 5V, 2.1A
Joules <sup>3S</sup> :	80,000+	Housing Protection:	IP65 (w/ Ports closed)
Voltage:	12V & 24V Batteries	Cooling:	Natural Convection
Operating Temperature:	-30°C to +50°C	Dimensions (LxWxH):	12.3 x 8.2 x 6.3 in
Charging Temperature:	0°C to +40°C	Weight:	19.25 lbs
Storage Temperature:	-20°C to +50°C	LED Brightness:	2200 lumens

## Contents

- LVGB500 Lithium Jump Starter
- Boost MAX POS/ NEG Connectors (24in)
- 56W XGC Power Adapter
- 12V Female Plug (OUT)
- 12V Male Plug (IN)
- 12V 2' XGC Cable
- Protective Carrying Case
- User Guide

## Recharging a LVGB500 (for reference results may vary)

AC Charging (56W)	12V DC Charging (60W)
6-8 hr	6-8 hr

