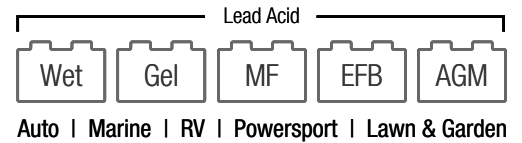


# Product Release

08  
May 2019

**LVGB50** 12V **1500A**  
Lithium

**7.0L** **4.5L**  
Petrol Diesel



## NOCO BOOST<sup>®</sup> XL<sup>™</sup> JUMP STARTER



# START DEAD BATTERIES.<sup>™</sup>

Diesel Cars, SUVs, Boats, Motorcycles, ATVs, Trucks & More.

Ultra-safe, ultra-compact, rugged, and portable lithium-ion jump starter. Features **spark proof technology** and **reverse polarity protection**. Instantly jump starts most single-battery applications, up to **30 times** on a single charge. Ideal for a wide range of vehicles including small diesel cars, trucks and engines up to **7.0L Petrol** and **4.5L Diesel**.



**UltraSafe<sup>®</sup>**

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

**30X**

Jump Starts Per Charge

Full power to jump start a vehicle up to 30 times in one charge. Compatible with engines up to 7.0L Petrol and 4.5L Diesel.



**USB**

2.1A

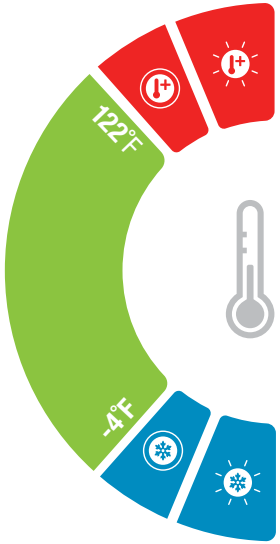
Recharge virtually any USB device (smartphones, tablets). Recharge the unit from any USB port or 12V charger included.

**4XLED**

Ultra-bright dual LED flashlight for visibility and with 7 modes, including SOS and emergency strobe.

# Advanced Protection.

Designed to protect your device.



**Hot LED indicator.** Designed to indicate when internal battery approaches high temperatures.

**Solid Red.** Unit is fully operational, but approaching upper temperature limit.

**Flashing Red.** Unit is too hot to jump start, but other functions are still available.

**Cold LED indicator.** Designed to indicate when internal battery temperature is too cold to operate.

**Solid Blue.** Unit is fully operational, but approaching lower temperature limit.

**Flashing Blue.** Unit is too cold to jump start, but other functions are still available.

**Error LED.** Illuminates Red if reverse polarity is detected, or blinks "On" and "Off" when the internal battery temperature is too high.

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

## NOCO® Patented Technology

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



Recharge Unit from any USB or 12V port.

**USB 2.1A**  
Charge virtually any USB device, including Smartphones and Tablets.

### Technical Specifications

<b>Internal Battery:</b>	Lithium Ion	<b>Housing Protection:</b>	IP65 (w/ Ports closed)
<b>Peak Current Rating:</b>	1500A	<b>Cooling:</b>	Natural Convection
<b>Operating Temperature:</b>	-20°C to +50°C	<b>Dimensions (LxWxH):</b>	195.6 x 86.4 x 48.3mm
<b>Charging Temperature:</b>	-18°C to +40°C	<b>Unit Weight:</b>	0.75 kg
<b>Storage Temperature:</b>	-20°C to +50°C	<b>Unit Weight w/Clamps &amp; Accessories:</b>	1.23 kg
<b>Micro USB (Input):</b>	5V, 2.1A	<b>LED Flashlight Brightness:</b>	200 Lumens
<b>USB (Output):</b>	5V, 2.1A		

### What's In The Box

- GB50 Boost XL Jump Starter
- 40" Micro USB Cable
- 12V USB Charger
- HD Precision Boost Battery Clamps
- User Guide & Warranty

### Recharging a LVGB50

(for reference, results may vary)

USB Charger Rating	Charging Time
<b>.5A</b>	18hr
<b>1A</b>	9hr
<b>2A</b>	4.5hr

