

GX Series 24V | 36V | 48V
 40A | 26A | 20A

Lead Acid | Lithium
 Wet | Gel | MF | EFB | AGM | Li-Ion
 Auto | Marine | Heavy Duty | Industrial

Remote LED Configuration

(Optional For Operation)

Is Your GX Charger Out Of Reach? Configure Your Charger To Signal A Visible LED.

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, and it reverses the polarity between the charging identifier and error indicator. The connector is designed for LEDs to directly attach (see Figure 2), with a **+5V circuit** and a **1K OHM resistor**. As a result, the typical LED drive current is **3ma**.

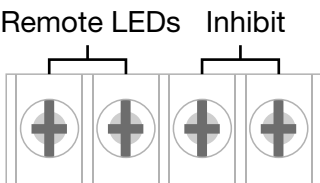
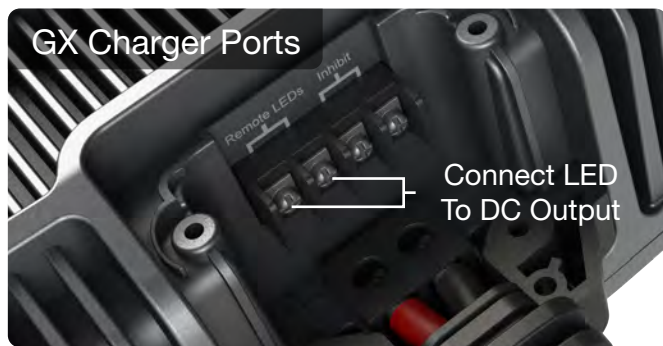


Figure 1. Labeled Port

GX Chargers give you the ability to customize with additional auxiliary functions, including adding an LED and using the **inhibit** feature (see Figure 1).

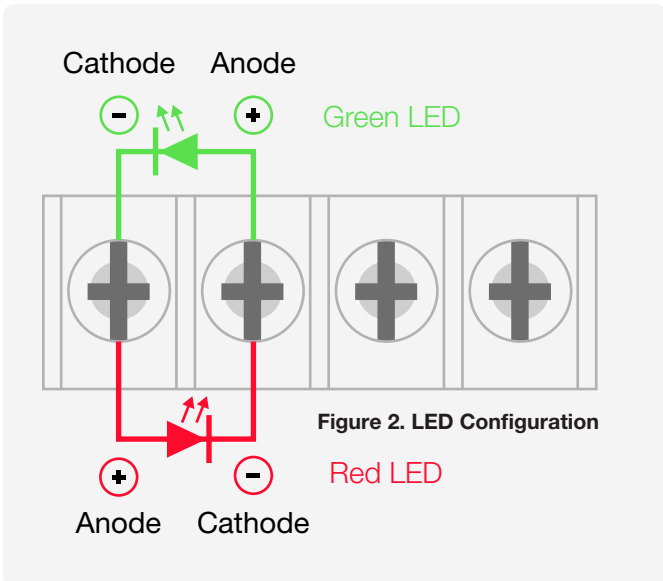


Figure 2. LED Configuration

Charging Modes		Green LED
Light	Explanation	
Blinking	Battery is charging.	
Solid	Battery is fully charged.	
Off	Charger either in Standby or Error Condition.	

Error Conditions		Red LED
Light	Explanation	
Single Flash Sequence	Battery will not hold charge. Have battery checked by professional.	
Double Flash Sequence	Possible battery short. Have battery checked by professional.	
Triple Flash Sequence	Battery voltage too high for selected charge mode. Check battery and charge mode.	
Quadruple Flash Sequence	Abnormal AC grip power. (VAC ,85 or >250V, or Frequency <45Hz or >65Hz)	
Solid	Reverse Polarity. Reverse the battery connections.	
Off	Charger either charging or in Standby.	

