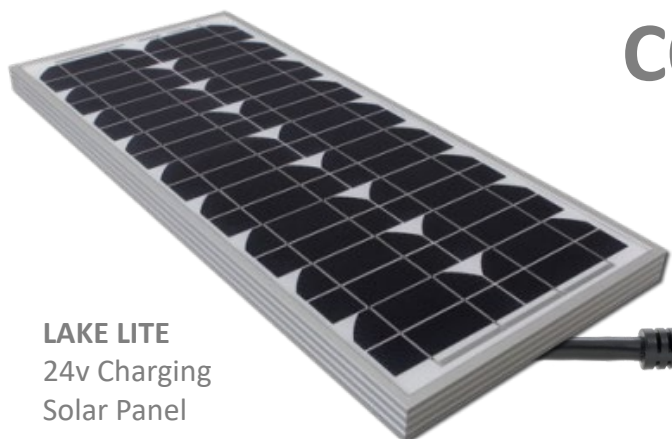


Solar Charge Regulator

MODELS: LL-REG-24v-5A-HD

CONNECTION DIAGRAM



LAKE LITE
24v Charging
Solar Panel



Extension
Wire



Jumper Wire

Replace with 3A or
(5A Max) Fuse



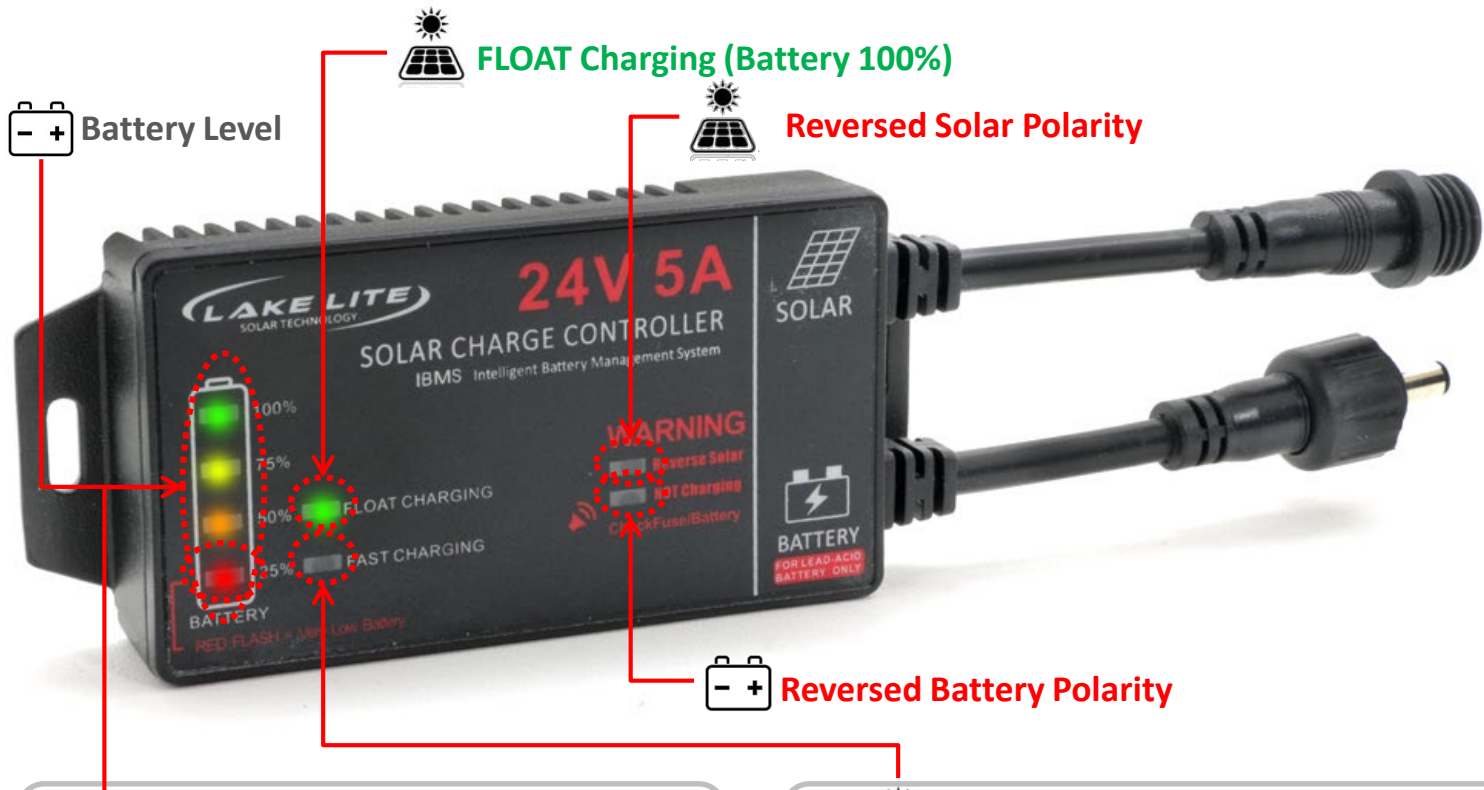
Lake Lite Inc.
105 W Simon St
Laotto, IN 46763

Phone: 260-918-2758
Fax: 260-918-3540
E-mail sales@lakelite.com

www.lakelite.com

Solar Charge Regulator

MODELS: LL-REG-24v-5A-HD



BATTERY LED INDICATORS

LED COLOR	DESCRIPTION
GREEN - FLASHING — — — — —	Over Voltage Detected: Regulator will self correct
GREEN - CONSTANT	High Battery Level
YELLOW - CONSTANT	Medium – High Battery level
ORANGE - CONSTANT	Medium Battery Level
RED - CONSTANT	Very Low Battery Level Limit Battery Use
RED - FLASHING — — — — —	Extremely Low Battery OR (BLOWN FUSE) & NOT CHARGING
OFF	Blown Fuse or No Power



SOLAR LED INDICATORS

TIME	LED COLOR	DESCRIPTION
DAY	GREEN-CONSTANT	Float Charging
DAY	BLUE - CONSTANT	Fast Charging
DAY	OFF	No power from Solar Panel Check connections, & solar panel.
NIGHT	OFF	<i>Solar Panel is NOT Charging due to lack of sunshine</i>



WARNING



WARNING



Reverse Solar

NOT Charging

Solar Panel Polarity is reversed / backwards. Check & correct connections. Likely inside the black box on back of solar panel.

Check regulator is connected to battery correctly



Check & Replace Blown Fuse



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