

# Solar Charge Regulator

MODELS: LL-REG-36v-5A-HD

## CONNECTION DIAGRAM



LAKE LITE  
36v Charging  
Solar Panel



Extension  
Wire



Jumper Wire

Jumper Wire

12v

12v

12v

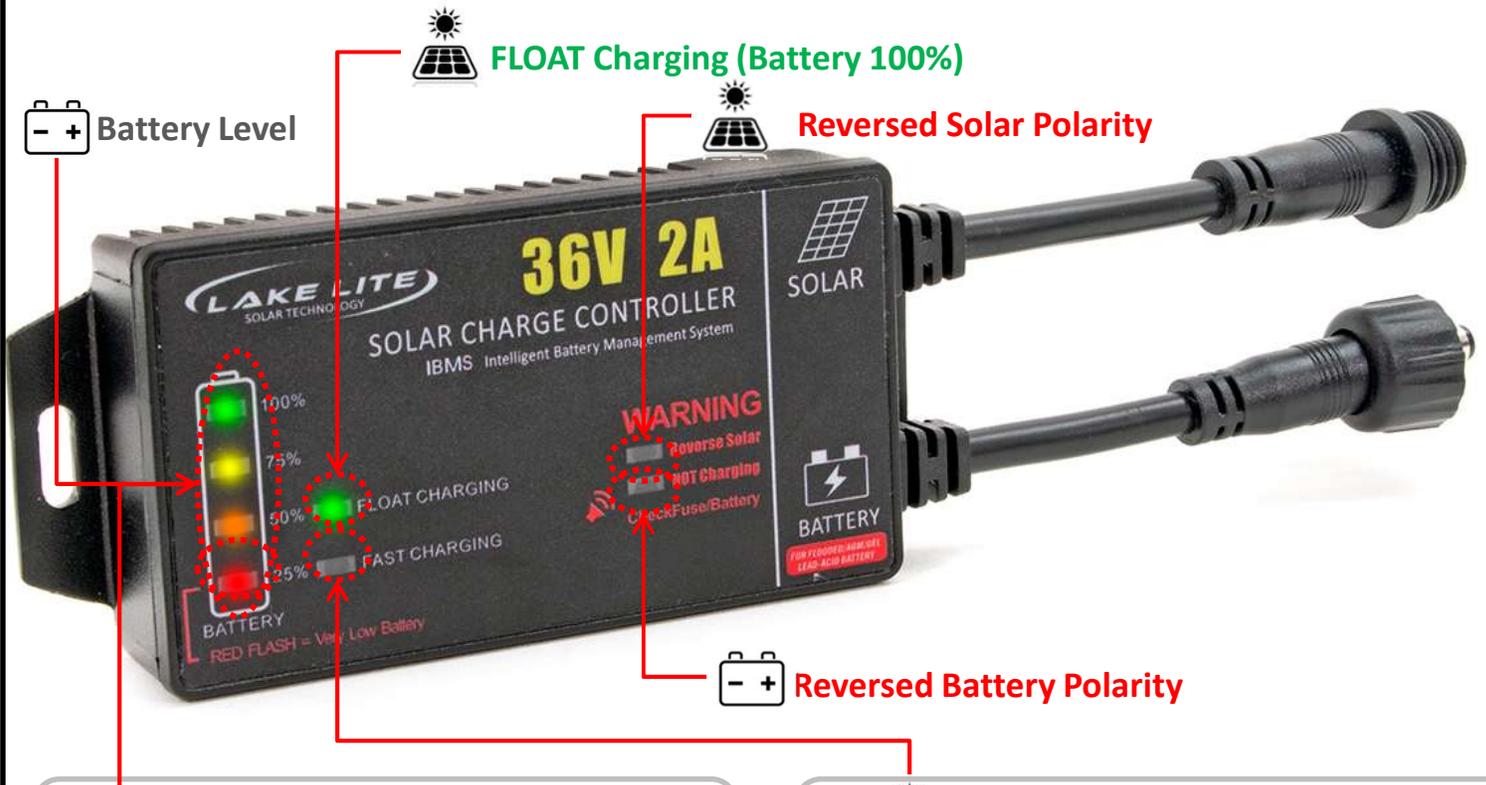


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MODELS: LL-REG-36v-5A-HD



## 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 <b>OR (BLOWN FUSE) &amp; NOT CHARGING</b>
OFF	<b>Blown Fuse</b> 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	Solar Panel is NOT Charging due to lack of sunshine



**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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