

## SOLAR REGULATOR - LED



This LED solar regulator offers advanced MPP technology for over 90% efficiency when used with a 140Watt solar panel. It can also be used with solar panels sizes from 20Watt to 200Watts making it very flexible. Larger than the 140Watt solar panels can be used in areas where sunlight intensity is low increasing the capture of sunlight.

### Features:

- LED display indicates and shows solar charge, battery condition and load indication
- Set to operate as a 12VDC system
- The regulator is equipped with various devices to protect its electronics
- Ideally suited for electric fencing that requires solar panels and batteries in remote areas

### Specifications:

Power-handling capability	140W
Efficiency	>90%
Maximum solar panel input voltage	24VDC
Solar panel input range	20W - 200W
Battery charge voltage	14.3VDC (Flooded AGM Gel Suitable lead acid battery types)
Recommended battery capacity	Solar Panel > 90W - Minimum 90Ah Solar Panel < 90W - Minimum 40Ah
Maximum flat battery charge current	11A** (11VDC)
Maximum load supply current	10A**
Load disconnect voltage	~11.2VDC
Operating temperature	-20° – 55°C
Terminal size	6mm /12AWG
Mounting	5mm Hole Diameter

Stock Code	Description
SOL-REG140	Solar Regulator - LED