



**The Parameter Sheet:**

Model	WS-L2415 6A	WS-L2415 10A	WS-L2415 15A
System voltage	12V/24V Automatic distinguish voltage		
Max charge current	6A	10A	15A
Max discharge current	6A	10A	15A
Charge off voltageHVD	14.4V/28.8V		
Low Voltage DirectiveLVD	10.8/21.6V		
Low Voltage RestoreLVR	11.8V/23.6V		
Light operate	light control turn on + light control turn off		
Light time control	Light control turn on/off + time control turn on/off		
Time control classification	0.5 hours started, half an hour of one grade ,up to 10 hours		
Out put route	single bulb		
Ambient temperature	-25---+55°C		
Safe degree	IP55		
Quiescent dissipation	24mA		
Max loop voltage drop	350 mV		

**Functions:**

1. It can prevent the battery from over-charging and over-discharging.
2. It can prevent reverse charging (the battery charges the solar panel).
3. It can prevent reverse connection of the battery and solar panel.
4. It will start up the lighting system in the evening automatically according to the intensity of the light.
5. It will shut down the lighting system according to the time setting or shut down the lighting system automatically when it is dawn.
6. It has a LED indicator of the working condition of charging and discharging:
  - I One piece of Charge Indicator LED (mark: Charge). When it is bright, the battery is charged strongly; flickeringly means floating charge, no light means stop charging.
  - I One piece of Load Indicator LED (mark: Light). When it is bright, there is output and load can work; if LED goes out, means there isnt output and the load cannot work.
  - I Battery indicator: red under =voltage Green =full Yellow =normal

