

TECHNICAL SPECIFICATION

SOLAR LIGHT CONTROLLER WITH LED DRIVER

This kind of solar controllers is special for solar LED street lights. It is in-built LED driver with 91%-96% output efficiency. Solar controller with LED Driver is equal to a solar charge controller + LED Driver + Dimming Capability. The Pulse Width Modulation battery charging can greatly increase the lifetime of battery.



JWL-LED
10A, 12V/24V auto
Waterproof: IP67

FEATURES

- ◆ In-built high accuracy constant current (LED Driver), with 91%-96% output efficiency
- ◆ High efficiency series PWM charging
- ◆ Over-load, Load short-circuit, PV/battery reverse polarity protection, ect.
- ◆ A setting button to set LED lamp's working timers and output dimming value
- ◆ Four timers: Full power timer, Second timer, Third timer, hours to dawn timer are

Buy at <https://www.kiwilighting.com/jwl-led-solar-led-constant-current-controller-dc-12v-24v-1-5a-ip67-waterproof>

option with different output power 10%-90% dimming value With self-dimming capability basing on battery voltage to save energy and realize lamps turn on for 365days.

- ◆ Special for LESS THAN 60W Solar LED Street Lights

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| Parameter Model | JWL-LED- 10A | |
|-------------------------------|--|--|
| Rated load current | 10A | |
| Rated load current | 12V; 12V/24V auto | |
| Output voltage | Battery voltage - 50V | |
| Max. Output power | 30W/12V; 60W/24V | |
| Dimming Value | 10%-90% (30mA-1500mA adjustable) | |
| Power consumption | Normal mode≤3.5mA | |
| Working temperature | industrial grade:-35°C to +55°C | |
| Boost voltage | 14.6V; ×2/24V; | |
| Equalization voltage | 14.4V; ×2/24V; | |
| Float voltage | 13.6V; ×2/24V; | |
| Tempe. Compensation | -3mv/°C/2V (25°C) | |
| protecting voltage | 11.1V; ×2/24V; | |
| Low voltage reconnect voltage | 12.6V; ×2/24V; | |
| N.W/dimension | 0.32KG; 100*74*26mm | |
| Protection Degree | IP67 (High heating conducting silicone potted) | |
| Control mode | PWM Charging mode | |