

ESLC12V/24V010LT Solar Street Light Controller

ESLC6V/12V001LT
 ESLC12V/24V005LT
 ESLC12V/24V010LT



Functions

- Intellectual control technology based on MCU and special software.
- Adopt tandem PWM charge control method, so that the voltage loss of electrical circuit is only the half of diode charge, charge efficiency to improve by 3%~6%.
- The over discharging recovery control and automatically floating charge control can prolong the battery service life.
- Battery reverse connection protection, over-voltage protection and under-voltage protection.
- Solar module reverse connection protection.
- Automatically recover output, output over current protection and output short circuit protection.
- Intelligent time control system: It can set up 1-15 hours timing or delay time (set period to resume current output, two period can be set).
- Light control, time control, temperature control.
- High-precision voltage control for the battery safety work.
- Waterproof design.

Model

Model	ESLC6V/12V001LT	ESLC12V/24V005LT	ESLC12V/24V010LT
Max. output power	60W	120W/240W	120W/240W
Rated current	1A	5A	10A
System voltage	6V/12V	12V/24V	12V/24V

Characters

Rated Voltage	12V or 24V (Automatically)
Max. output power	120W or 240W (Automatically)
Rated charging current	10A
Rated load current	10A
Voltage of stop power supply	10.8V or 21.6V
Voltage of resume power supply	11.8V or 23.6V
Voltage of stop charge	14V or 28V
Working temperature	-20 ~ +40°C
Temperature Coefficient of Voltage stop charge	-3mV/°Ccell
No load loss	<20mA
Size (W*H*D)	143mm*54mm*32mm
Weight	212g

Connection lines



Connection

