

LandStar series

LS1024RPD/LS1524RPD/LS2024RPD

Application:

Public lighting area, such as street light, path way,
garden lights, parking area, bus station etc.,
Ideal for extreme environments with corrosion, dust, water etc

Load work mode: Dusk to Dawn, Light On+timer, Test, ON/OFF

Dual load output, enhance the flexibility of the system.

Intelligent timer function with 1-15 hours option

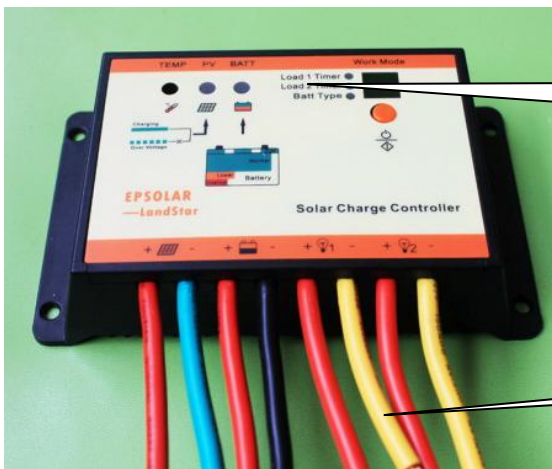
Waterproof design, IP66

- Intelligent System Optimum Control
- High efficient Series PWM charging with temperature compensation
- Compact size
- Use MOSFET as electronic switch, without any mechanical switch
- Digital LED menu, only one key solve all setting simply
- Load status display
- Gel, Sealed and Flooded battery type option
- Big terminals and big distance between terminals (10A/6 mm², 15A, 20A/10 mm²)
- Electronic protection: Overheating, over charging, over discharging, overload, and short circuit
- Reverse polarity protection: Any combination of solar module and battery

Model	LS1024RPD	LS1524RPD	LS2024RPD
Rated Current	10A	15A	20A
System Voltage	12/24V auto work		
Over Load Protection	1.25 times of rated current for 60 seconds, or 1.5 times for 5 seconds		
Short Circuit Protection	3.5 times of rated current		
Self-consumption	Max.6mA		
Working Temperature	-35°C to +55°C industrial		
Equalize Charging Voltage	14.6V;x2/24V		
Boost Charging Voltage	14.4V;x2/24V		
Float Charging Voltage	13.8V;x2/24V		
Boost Reconnect Charging Voltage	13.2V;x2/24V		
Temperature Compensation	-30mV/°C/12V		
Under Voltage Warning Voltage	12.0V;x2/24V		
Low Voltage Disconnect Voltage	11.1V;x2/24V		
Low Voltage Reconnect Voltage	12.6V;x2/24V		
Terminals	6 mm ²	10 mm ²	10mm ²
Enclosure	IP66		

Technical data for lead acid battery at 25°C

Product details

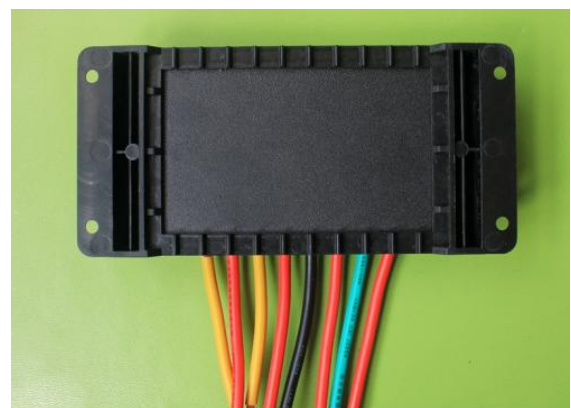


Load 1 timer1,
Load 2 Timer2,
Batt type

Lead wire



15A/ 20A



10A