

LandStar series

LS1024RD/LS1524RD/LS2024RD

Application:

Public lighting area, such as street light, path way,
garden lights, parking area, bus station etc.,

Ideal for solar lighting system with two lamps that needs different timer setting

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

Intelligent timer function with 1-15 hours option

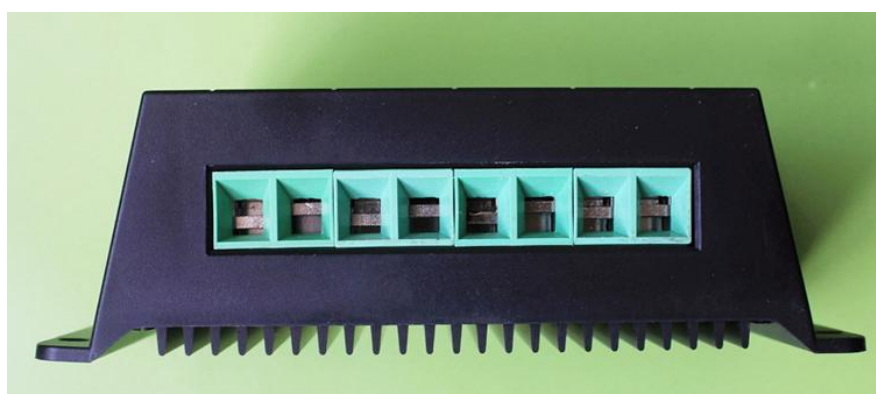
Dual load output, enhance the flexibility of the system.

- 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)
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- Reverse polarity protection: Any combination of solar module and battery

Model	LS1024RD	LS1524RD	LS2024RD
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	IP30		

Technical data for lead acid battery at 25°C

Product details



Load1 Timer1,
Load2 Timer2,
Batt.type