

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

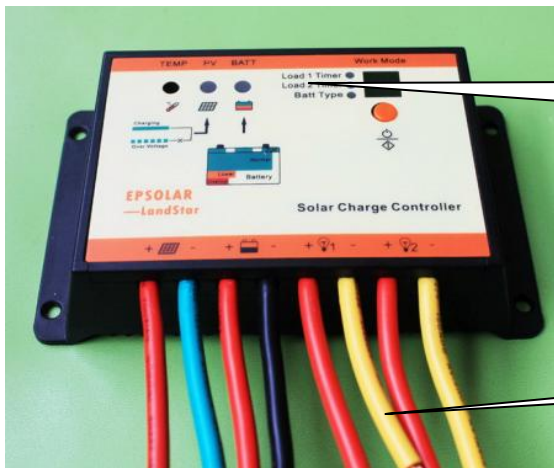
Waterproof design, IP66

- 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

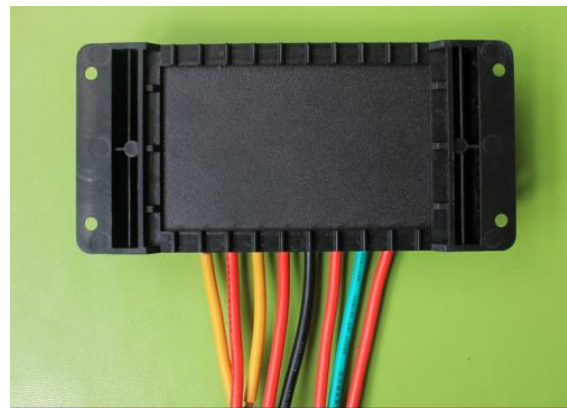


Load 1 timer1,
Load 2 Timer2,
Batt type

Lead wire



15A/ 20A



10A