

Solar Power

SLR-R160G60-H-IN



Features

- Modular design for easy battery assembly, hanging design for easy solar panel installation.
- Built in high safety, high reliability, and long life lithium battery cell is suitable for a wide range of application scenarios.
- Built in self developed high efficiency solar controller realizes faster charging.
- Visual status indicator allows for easy understanding of the product's operating status.
- Multiple protection functions such as high and low battery temperature protection, overcharge protection, undervoltage protection, etc.
- Metal casing, windproof and rainproof, capable of withstanding harsh outdoor environments.
- Built in heating module can be turned on in a low temperature environment, effectively protecting the battery life and ensuring the safety of charging.
- Back surface field and electrodes are made of high quality metal pastes, ensuring good conductivity.
- High efficiency monocrystalline silicon cell with high photoelectronic conversion efficiency.
- High transmittance tempered glass and UV resistant EVA backsheet materials further improve the conversion efficiency of photovoltaic modules.
- Anodized aluminum alloy frame improves the corrosion resistance and ensures that the components can withstand harsh outdoor environments.

Specifications

Model	SLR-R160G60-H-IN
Lithium Battery	
Battery capacity	50 Ah
Rated energy	160 Wh
Limited charge voltage	7 V

Output voltage	9 V to 12.6 V
Maximum output current	2 A
Input interface type	4-pin quick connector (for battery switch)
Output interface type	DC 12 V circular connector
RS485	Support
Dimensions	419.2 × 118 × 336.5 mm
Protection function	High/low temperature protection, overcharge protection, undervoltage protection
Solar Panel	
Peak power	60 W
Operating voltage	4.5 V
Operating current	13.33 A
Open circuit voltage	5.4 V
Short circuit current	14.66 A
Cell conversion efficiency	≥ 22%
Output interface type	4-pin quick connector (for battery switch)
Dimensions	765 × 395 × 25 mm
Specification	
Operating temperature	-20 °C to 55 °C (discharge)-20 °C to 45 °C (charge)
Weight	10.4KG
General	
Suitable pole diameter	67mm to 110 mm

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