

Solar Power

SLR-B160P60



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 photoelectric 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.
- Allows to overlay the battery percentage OSD on the camera's live video.
- Allows to be used with 4G cameras for surveillance applications in scenarios without power and network.

Specifications

Model	SLR-B160P60
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
Operation and Maintenance Module	
Open circuit voltage	12 V
Typical power consumption	0.84 W
Maximum power consumption	2 W
Input interface type	DC 12 V circular connector
RS485	Support
Reset button	Support
Indicator	Blinking green: Normal operation; Steady red: Network error
Dimensions	90 × 90 × 38.3 mm
Ingress protection	IPX5
Accessory	One-to-two power cable
Specification	
Operating temperature	-20 °C to 55 °C (discharge)-20 °C to 45 °C (charge)
Weight	8.44KG (Lithium Battery : 3.87KG, Solar Panel : 4.42KG, Operation and Maintenance Module : 150g)
General	
Suitable pole diameter	67mm to 110 mm

Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

©2024-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

*Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.