Solar Power System

SLR-B2560P400-H-IN



Features

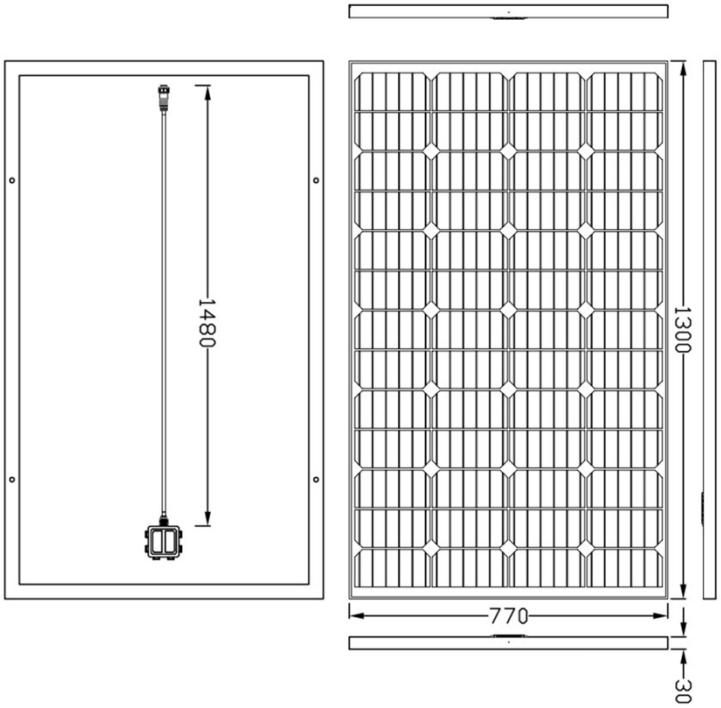
- High-efficiency monocrystalline silicon solar cell, high photovoltaic conversion efficiency, efficiency ≥22%.
- Using high-transparency tempered glass, EVA, and UV-resistant backing material.
- The component frame uses anodized aluminum alloy, enhancing corrosion resistance to ensure the component adapts to various harsh outdoor environments with high product specifications built-in.
- The product features an internal high-performance lithium battery, with a wide range of application scenarios.
- The product features a visual power indicator, making the operating status clear at a glance.
- The battery features multiple protection functions, including high and low temperature protection, overcharge protection, under-voltage protection, and constant voltage under load.

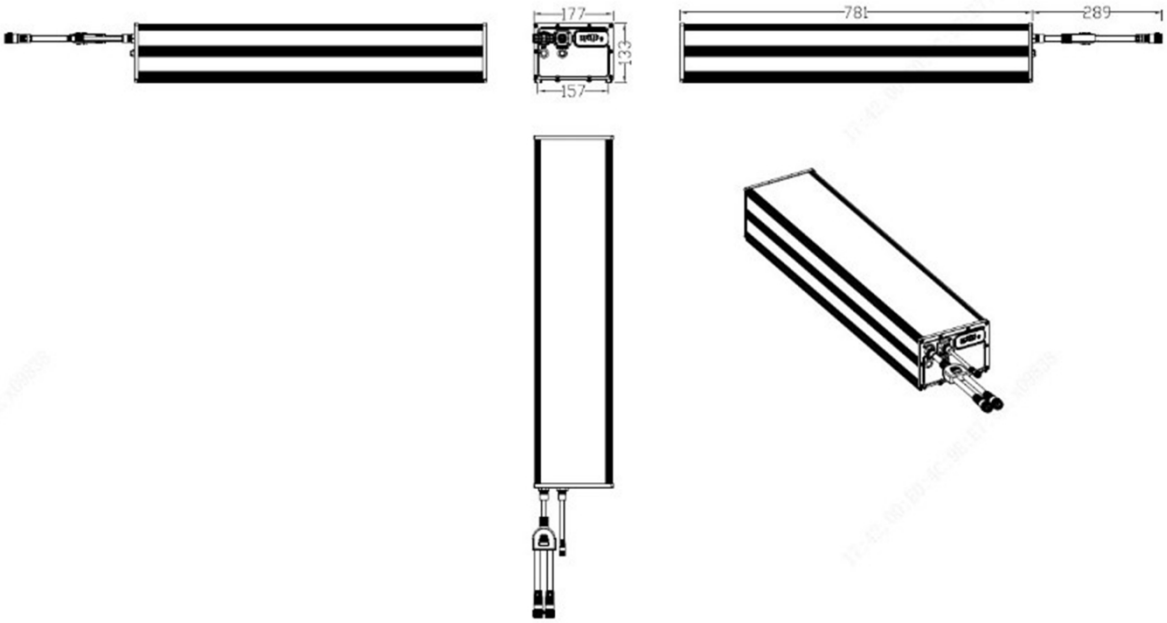
Specifications

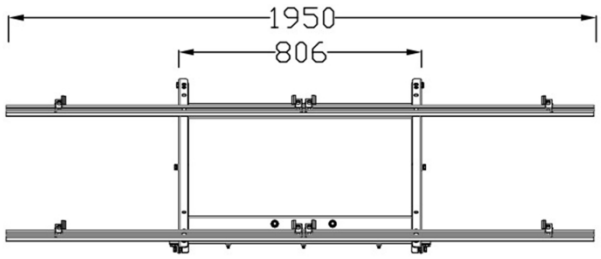
Model	SLR-B2560P400-H-IN
Battery	
Rated Capacity	2560Wh
Battery Type	Lithium Battery
Rated Voltage	12.8V
Maximum Discharge Current	12A
Input Voltage Range	DC 14.6 to 30 V
Maximum Input Current	30A
Charge Cut-off Voltage	14.6V
Discharge Cut-off Voltage	11V (≥-10℃), 8.8V (<-10℃)
Cycle Life	≥ 2000 cycles
Input Interface	Plastic Quick Connector, Maximum Solar Panel Input: 2 units

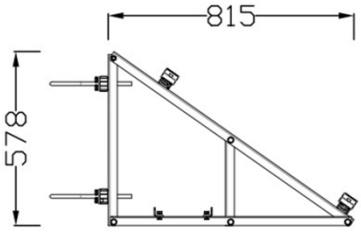
Output Interface	2-Pin Through-Hole Terminal Block
Solar Panel	
Peak Power	200W
Working Voltage	18V
Working Current	11.11A
Open Circuit Voltage	21.44V
Short Circuit Current	12.22A
Photovoltaic Conversion Efficiency	21%
Service Life	20 years
PV Output Interface	Plastic Quick Connector, Cable Length 1.5m
Quantity	2
Solar Panel Bracket	
Application Scenarios	Applicable for surveillance pole installation scenarios, using a clamping bracket for installation.
Tilt Angle	45°
Compatibility Range	Dual PV Panel Installation
U-clamp	
Applicable Member Diameter	120 to 180 mm
General	
Dimensions	Battery: 781mm*177mm*133mm Solar Panel: 1300mm*770mm*30mm Solar Panel Bracket: 1950mm*815mm*578mm U-clamp: M12*192
Weight	Battery: 20.8 KG Solar Panel: Weight per unit 13 KG Solar Panel Bracket: 19.7 KG U-clamp: 0.5 KG
Composition	Solar Panel: Anodized Aluminum (Frame) ; 3.2mm Tempered Glass (Glass) Solar Panel Bracket: Q235 Galvanized Steel
Operating Temperature	Battery:-30°C to +60°C (The battery pack has a built-in heater. Charging is only allowed if the temperature is above 0°C.) Solar Panel:-40℃ to +85℃
IP Rating	Battery: IP67 Solar Panel: IP67

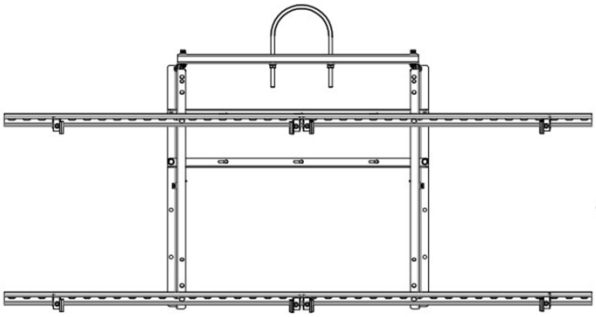
Dimensions

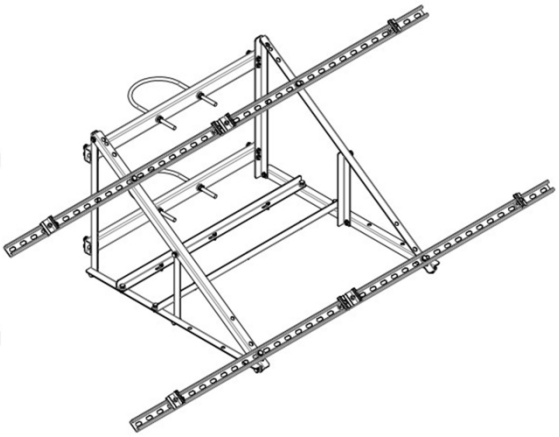


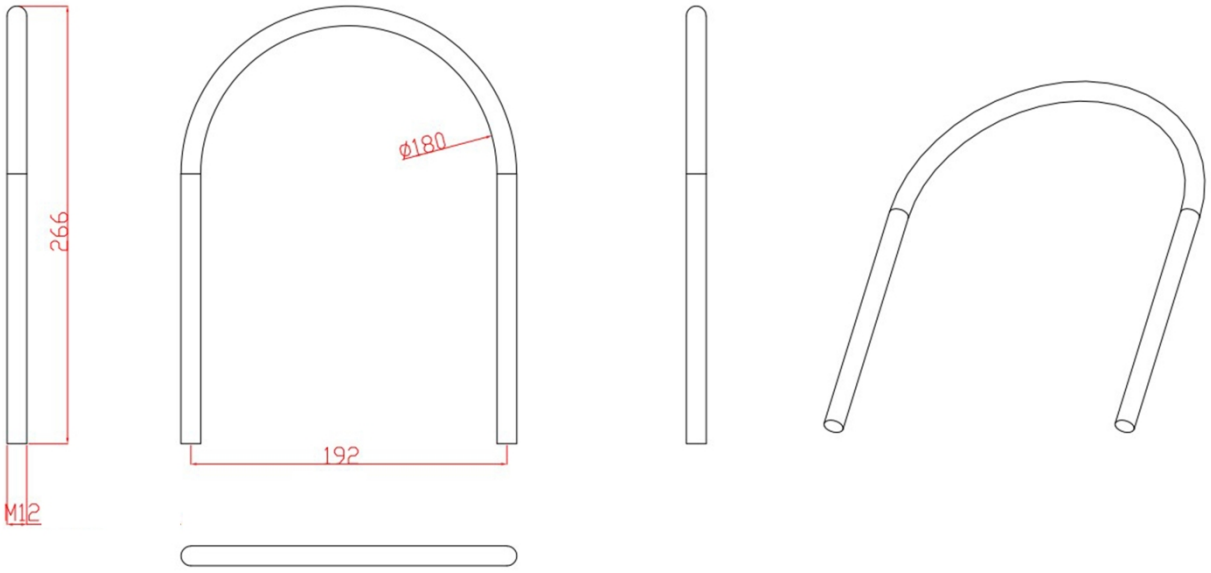



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