MODEL - ART-SB-36W

Suncharge 36W Solar Power Hub With Built-in Li-ion Battery



FEATURES

- 36W Dual Monocrystalline Solar Panels
- Built-in 13500mAh Rechargeable Lithium Battery
- Smart Battery Management System (BMS)
- Over-Temperature Protection
- Weather Resistant Design
- Battery Short Circuit/Reverse Polarity Protection
- Suitable for CCTV and IoT Applications


36W Solar Panel


Li-ion Battery


Ip65 Rating



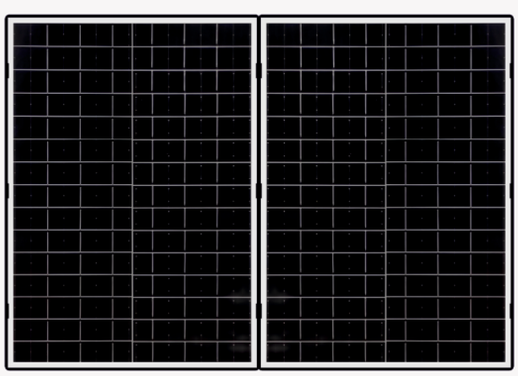
Do It Yourself


Smart Battery Management

Technical Specifications

Solar Panel	
Product Code	ART3003
Product Type	Suncharge 36W Solar Power Hub With Built-in Li-ion Battery
Maximum Power	36W
Open Circuit Voltage	17V ±5%
Standard Operating Voltage	15V ±5%
Standard Operating Current	2.25A +5%
Short Circuit Current	1.5A ±5%
Cell Conversion Effeciency	22.8.0% ± 5%
Tempered Glass	2.0mm Ultra - White Cloth - Textured Tempered Glass
Solar Cell	Monocrystalline
Solar Radiation Intensity	1000 W/m2
Working Temperature and Humidity	-20°C to 60°C / 10%-90% RH
Battery	
Battery Type	Lithium-Ion
Capacity	13500mAh
Battery Voltage	11.1V ± 5%
Max. Charging Voltage	12.6V ± 5%
Battery Low Voltage	9.3V ± 5%
Battery Management	Smart Battery Management
Product	
Cable Length	3 Meter + Standard DC pin

Color	Black
IP Rating	IP65
Light Indication	1. Battery Charging : Red ON
	2. Full Charge : Green ON
	3. Battery Discharge : Yellow ON
Stand	Metal Stand
Dimension	512 × 356 × 48 ± 0.2mm
Net Weight	3.356Kg
Gross Weight	4.143g



Front Side View



Back Side View

*** Note: Product specifications are subject to change without prior notice.**