SOLAR POWER

S300W-P-V2

150W

36V

Single Crystal High Efficiency Solar Panel

Monocrystalline solar module for durable outdoor power generation

HIGH EFFICIENCY MODULE

150W-36V Per-Panel

Built with tempered glass, monocrystalline silicon cells, and an anodized aluminum alloy frame.

CELL TECHNOLOGY

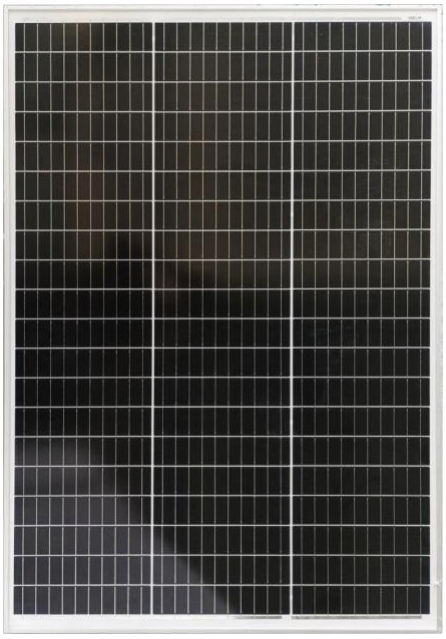
Monocrystalline silicon

ENCAPSULATION

Tempered glass and EVA

FRAME

Anodized aluminum alloy



FUNCTIONAL CHARACTERISTICS

- Adopting linear power technology
- Excellent power generation performance in low-light environments
- High-strength aluminum alloy frame, sturdy and durable
- Unique technology to prevent water accumulation, freezing, and deformation within the framework
- Suitable for outdoor, mountainous, water-surface, and other application conditions
- High conversion rate and high-efficiency output
- Adopting high-quality tempered glass with high transparency
- Unique craftsmanship makes the components both aesthetically pleasing and easy to install
- Adopting anti-PID battery technology and component packaging technology

PRODUCT CERTIFICATION

ISO 9001

CE

CNCS

SOLAR POWER

S300W-M-V2

150W

36V

Performance and Electrical Data

Rated output and construction details from the source specification sheet

25 YEARS	OVER 90%	OVER 80%
UP TO LIFESPAN	OUTPUT POWER FOR 10 YEARS	OUTPUT POWER IN 25 YEARS

ELECTRICAL PERFORMANCE PARAMETERS

PARAMETER	SPECIFICATION
Component model	150W-36V
Component encapsulation	Tempered glass / EVA / battery cells / EVA backplate
Solar silicon crystal	Monocrystalline silicon
Characteristics of crystalline silicon	High conversion efficiency of strong light
Cell size and quantity	210 × 60 mm / 72
Maximum output power	150W per panel
Maximum operating voltage	37.26V
Maximum operating current	4.11A
Open-circuit voltage	44.71V
Short-circuit current	4.30A
Allowable error	5%
Maximum system open-circuit voltage	1000V
Size	1150 × 670 × 30 mm
Product weight	10.27 kg
Working temperature range	-40 to 85°C
Relative humidity	<90%
Border thickness	<1 mm
Frame	Anodized aluminum alloy