

HEBE PV Modules

HSP50W

FEATURES

- Low voltage-temperature coefficient enhances high-temperature operation
- Exceptional low-light performance and high sensitivity to light across the entire solar spectrum maximize yearly energy delivery
- 25-year limited warranty on power output, 2-year limited warranty on materials and workmanship

MATERIALS

- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with multi-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells

BENEFITS

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-3%
- Conformity with CE



HEBE PV modules

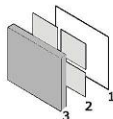
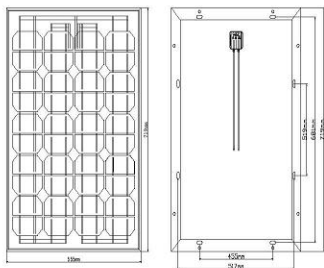
HSP50W

SPECIFICATIONS

Model type	HSP50W
Peak power(Pmax)	50W
Weight	5.0kg
Dimensions	719×555×34mm
Maximum power voltage (Vmp)	20.2V
Maximum power current (Imp)	2.48A
Open circuit voltage (Voc)	24.6V
Short circuit current (Isc)	2.81A
Maximum system voltage	750V
Temp. Coeff. of Isc (TK Isc)	0.058 %/℃
Temp. Coeff. of Voc (TK Voc)	-0.367 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.485 %/℃
Normal Operating Cell Temperature	44.4 ℃

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25 ℃.

PHYSICAL CHARACTERISTICS



- 1] Front: tempered glass
- 2] monocrystalline solar cells
125 mm x 125 mm embedded
in EVA
- 3] Rear: Tedlar foil

Certifications

Conformity with



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