



常州嘉阳新能源科技有限公司

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Add: No.888, Chengfeng Road, Jintan City, Jiangsu Province

SOLAR MODULE

SD-25M

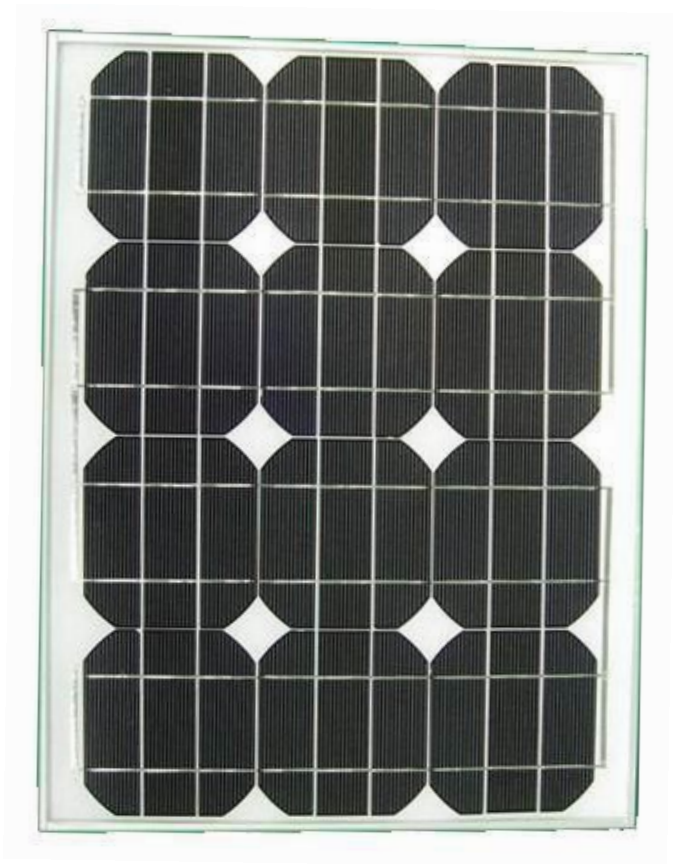
SD-30M

FEATURES

1. Low voltage-temperature coefficient enhances high-temperature operation.
2. Exceptional low-light performance and high sensitivity to light across the entire solar spectrum maximize yearly energy delivery.
3. 25-year limited warranty on power output, 2-year Limited warranty on materials and workmanship.

MATERIALS

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



BENEFITS

1. Manufactured in an ISO9001:2000 certified plant.
2. High efficiency, high safety, high reliability.
3. Output power tolerance of $\pm 3\%$.
4. CE, IEC, TUV, UL, MCS



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ELECTRICAL SPECIFICATIONS

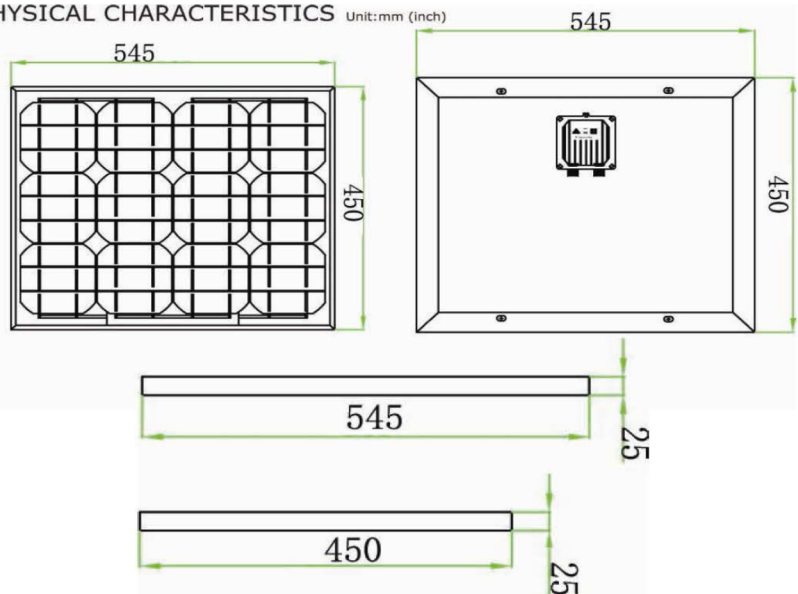
Model type	SD-25M(36)	SD-30M(36)
Peak power (Pmax)	25W	30W
Cell Efficiency	14.02%	16.83%
Module Efficiency	10.27%	12.32%
Maximum power voltage (Vmp)	17.50V	17.50V
Maximum power current (Imp)	1.43A	1.72A
Open circuit voltage (Voc)	21.50V	21.50V
Short circuit current (Isc)	1.61A	1.94A
Power Tolerance	-1 to +3%	
Maximum system voltage	DC 1000V	
Normal Operating Cell Temperature	45.3 ± 2℃	
Series fuse rating (A)	10A	
Number of bypass diode	2	

MECHANICAL SPECIFICATIONS

Cell type	125mm × 41.67mm
Number of cells	36 cells in series
Weight	3.2kg
Dimensions	545 × 450 × 25 mm
Max Load	5400 Pascals (112 lb/ft ²)

PHYSICAL CHARACTERISTICS

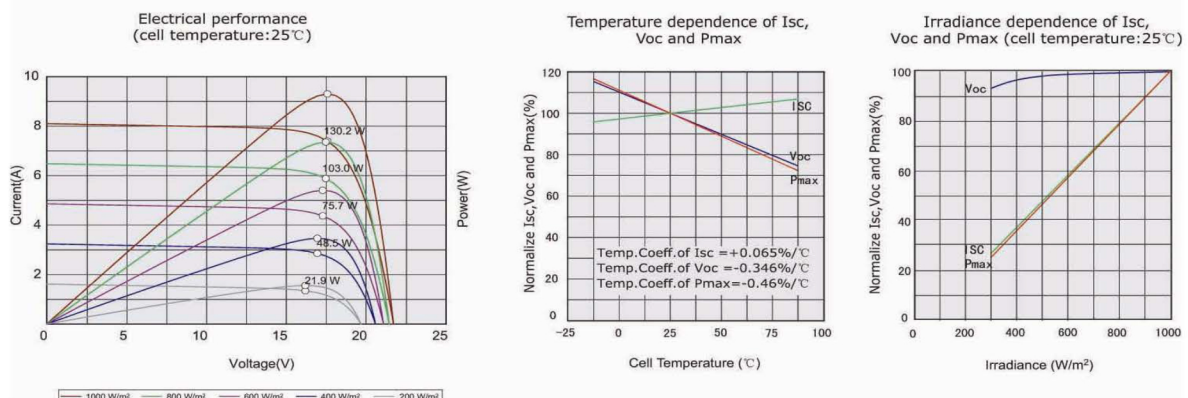
Unit: mm (inch)



TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.065 %/℃
Temp. Coeff. of Voc (TK Voc)	-0.346 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.46 %/℃

ELECTRICAL CHARACTERISTICS



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 °C.
The NOCT is obtained under the Test Conditions : 800 W/m², 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact sales@sundayenergy.cn for technical support. The parameters are for reference only, and are subject to change without notice or obligation.