



Amorphous Silicon Solar Panel (Outdoor)

Technical Characteristic:

- The outdoor amorphous solar panel works in all weather conditions, including low light and cloudy conditions. Even during consecutive days of rain, the outdoor amorphous silicon solar cells will output a stable useable current .
- These outdoor amorphous solar panels have good light absorption qualities to diffused light, refracted light, direct light and all other kinds of photo sources.
- Compared with crystalline silicon, the amorphous solar cell has a higher utilization ratio, which makes them more suitable for a variety of different locations.

Small Amorphous silicon solar panel specification and performance parameter

Item No.	Dimensions (mm) (W*L*T)	Operating Voltage(V)	Operating Current(mA)	Open Circuit Voltage(V)	Short Circuit Current(mA)
KS-S3030S	29.5*29.5*3.2	2	13.6	3.2	19.5
KS-S3636S	35.5*35.5*3.2	2	19.6	3.2	28
KS-S4020S	40.0*20.0*3.2	3.9	6.9	5.6	9.9
KS-S4040S	39.5*39.5*3.2	2.5	17	4	32
KS-S5030S	50.0*30.0*3.2	1.7	31.3	2.4	44.7
KS-S5050S	49.5*49.5*3.2	2	30	3.2	58.3
KS-S5555S	55*55*3.2	4.5	20	6	32
KS-S6060S	59.5*59.5*3.2	2.5	30	4	85
KS-S7030S	69.3*29.3*3.2	3.9	20	5.6	28
KS-S7070S	69.5*69.5*3.2	3.4	49	4.8	79.6
KS-S70150S	69.5*149.5*3.2	2.2	147.9	3.2	211.2
KS-S70152S	70*152*3.2	3.4	113	4.8	163
KS-S9035S	90*35*3.2	4.5	20.1	6	35
KS-S9070S	89.5*69.5*3.2	5	40	7.2	68.4
KS-S10030S	99.5*29.5*3.2	5.5	15	8.8	26.3
KS-S10050S	100.0*50.0*3.2	3.9	41	5.6	69.8
KS-S110110S	110*110*3.2	2	135	3.2	226.2
KS-S149199S	149*199*3.2	9	121	12.8	183
KS-S150150	148.5*148.5*3.2	7.8	102	11.2	160
KS-S240110S	240*110*3.2	12	70	18	101
KS-S25085S	249.5*84.5*3.2	6.7	101.6	9.6	145.1
KS-S300200S	300*200*3.2	5	318.5	7.2	455

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Note: Voc and Isc as reference only, operation voltage is in use.

Testing condition: AM1.5, Irradiance: 1000W/square meters, Module temperature: 25 degrees centigrade.

Size tolerance: $\pm 0.2\text{mm}$; Power tolerance: -5% to +5%

Operating temperature: -40 to +85°C

Relative Humidity: 0 to 100%

Application: Lawn lamp, Garden lamp, Indication light, Decoration light, Spotlight, Pest killing lamp, Solar floating light, Artificial lamp, Mobile charger, Car battery charger, Outdoor electric equipment charger, Spray pump, Pet house, Rat Repellent, Bird Repellent, Fan hat, Toy, Electric thermometer, Torch and other small electronic products, etc.

Compared with single crystal and multi-crystal silicon PV products, amorphous silicon thin film photovoltaic has superior properties in weak illumination performance and temperature effects.



If you want to inquiry or place an order, Please send the inquiry or purchase order to us by email or fax, including model number, quantity and delivery address.



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