

product type	One-axis tracking	Dual axis tracking	Dual-axis tracking	Three-axis tracking	Three-axis tracking
product size	5000 x 5000 x 5000	3600*3600*3600	5000 x 5000 x 5000	4000 * 4000 * 4000	5000*5000*5000
Power generation	2.4KW	1.2KW	2.4KW	1.45KW	2.6KW
Single blade power	12 block 200W	12 block 100W	12 block 200W	11 pieces 125W1 piece 80W	1 block 225W and 1 block 170W
Access mode	12 blocks in series	12 blocks in series	12 blocks in series	12 blocks in series	12 blocks in series
generating capacity	9.6 KWH/day (annual average) 14.4KWH/day (optimal state)	4.8 KWH/day (annual average) 7.2KWH/day (optimal state)	9.6 KWH/day (annual average) 14.4KWH/day (optimal state)	5.8 KWH/day (annual average) 8.7KWH/day (optimal state)	10.4 KWH/day (annual average) 15.6KWH/day (optimal state)
battery capacity	10KWH	5KWH	10KWH	5KWH	10KWH
Blade type	CD-100M-42	CD-100M-42	CD-200M-42	CD-125M-42 CD-80M-30	CD-225M-42 CD-170M-30
Rated power of blade	100W±5%	100W±5%	200W±5%	125W±5%80W±5%	225W±5%170W±5%
Working voltage of blade	20V	20V	20V	12.5V 8V	22.5V 17V
working current	10A	5A	10A	10A	10A
productiveness	≥21.6%	≥21.6%	≥21.6%	≥21.6%	≥21.6%
Maximum system voltage	500V DC	500V DC	500V DC	500V DC	500V DC
Power temperature compensation	-0.43%/°C	-0.43%/°C	-0.43%/°C	-0.43%/°C	-0.43%/°C
Current temperature compensation	0.08%/°C	0.08%/°C	0.08%/°C	0.08%/°C	0.08%/°C
Voltage temperature	-0.37%/°C	-0.37%/°C	-0.37%/°C	-0.37%/°C	-0.37%/°C
operation temperature	-40~80°C	-40~80°C	-40~81°C	-40~82°C	-40~83°C
Service life	More than 20 years	More than 20 years	More than 20 years	More than 20 years	More than 20 years
Power Warranty	no less than 90% over 10 years	no less than 90% over 10 years	no less than 90% over 10 years	no less than 90% over 10 years	no less than 90% over 10 years
Maximum Hail Impact Resistance	25MM 23M/S	25MM 23M/S	25MM 23M/S	25MM 23M/S	25MM 23M/S
Standard Test Conditions (STC)	1000W/m <sup>2</sup> irradiance temperature 25°C AM1.5 spectrum	1000W/m <sup>2</sup> irradiance temperature 25°C AM1.5 spectrum	1000W/m <sup>2</sup> irradiance temperature 25°C AM1.5 spectrum	1000W/m <sup>2</sup> irradiance temperature 25°C AM1.5 spectrum	1000W/m <sup>2</sup> irradiance temperature 25°C AM1.5 spectrum