

370W MWT Module Poly 72 Cells

Features



Higher Efficiency

The highest efficiency of the series is up to 19.1%.



Higher Yield

Higher power generation on the same installation.



Lower Degradation

At least 98% of the initial effective output at the 1st year and 80.2% at the 30th year.



Heat-Resistant

Remain peak performance in hot days thanks to the improved temperature coefficient as low as $-0.36\%/^{\circ}\text{C}$.



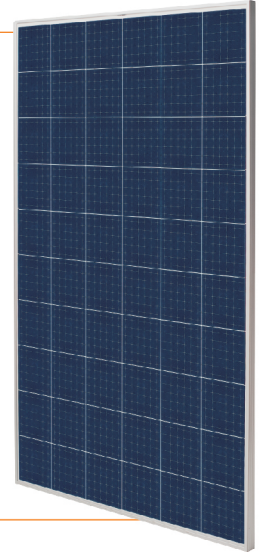
Corrosion-Resistant

Certified for Ammonia Resistance and Salt Mist Corrosion to maximum severity level 6.

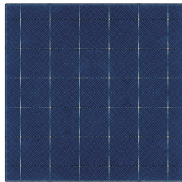


Anti-PID

Certified for Anti-PID under 85°C /85%RH, for 288hrs.



MWT Back Contact Solar Cell



- New cell structure and different manufacturing process.
- No bus-bar on the front. 3% less shadow and better use of sunlight.
- Effectively avoid the micro crack caused by the pressure between cell edge and ribbon.
- Compatible with other cell types including PERC, HIT, Black Silicon etc.

Comprehensive Qualifications & Certifications

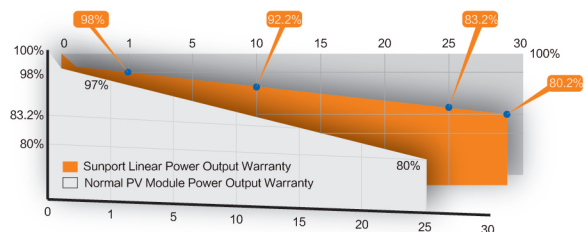
- ★ IEC 61215, IEC 61730, IEC 61701, IEC 62716, IEC 60068-2-68.
- ★ CQC&CGC Top Runner Advanced Technology Certification (4A class)
- ★ ISO 9001: 2015 Quality Management System
- ★ ISO 14001: 2015 Environment Management System
- ★ OHSAS 18001: 2007 Occupation Health Safety Management System
- ★ TUV NORD and UK NQA Quality System Certification



Insured by PICC and LLOYD'S



30 Years Performance Warranty



Electrical Characteristics at Standard Test Conditions(STC)

Spec/Model	Unit	SPP325P72	SPP330P72	SPP335P72	SPP340P72	SPP345P72	SPP350P72	SPP355P72	SPP360P72	SPP365P72	SPP370P72
Max-Power (P _m)	W	325	330	335	340	345	350	355	360	365	370
Power Tolerance	W	0~+3%									
Max-Power Voltage (V _m)	V	36.5	36.7	36.9	37.1	37.3	37.5	37.7	37.9	38.1	38.3
Max-Power Current (I _m)	A	8.91	9.00	9.08	9.17	9.25	9.34	9.42	9.50	9.59	9.67
Open-Circuit Voltage (V _{oc})	V	45.4	45.6	45.8	46.0	46.2	46.4	46.6	46.8	47.0	47.2
Short-Circuit Current (I _{sc})	A	9.51	9.58	9.65	9.72	9.79	9.86	9.92	9.98	10.04	10.10
Module Efficiency (η _m)	%	16.7	17.0	17.3	17.5	17.8	18.1	18.3	18.6	18.8	19.1

STC:AM=1.5, Irradiation1000W/m², Module Temperature25°C

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

Spec/Model	Unit	SPP325P72	SPP330P72	SPP335P72	SPP340P72	SPP345P72	SPP350P72	SPP355P72	SPP360P72	SPP365P72	SPP370P72
Max-Power (P _m)	W	241	245	249	253	257	260	264	268	272	276
Max-Power Voltage (V _m)	V	33.3	33.5	33.7	33.9	34.1	34.2	34.4	34.6	34.8	35.0
Max-Power Current (I _m)	A	7.24	7.32	7.40	7.47	7.54	7.61	7.68	7.75	7.82	7.89
Open-Circuit Voltage (V _{oc})	V	41.8	42.0	42.2	42.4	42.5	42.6	42.7	42.8	42.9	43.0
Short-Circuit Current (I _{sc})	A	7.67	7.72	7.80	7.88	7.95	8.02	8.09	8.15	8.20	8.25

NMOT: Irradiation800W/m², Ambient Temperature20°C, Wind Speed1m/s

Temperature Coefficient

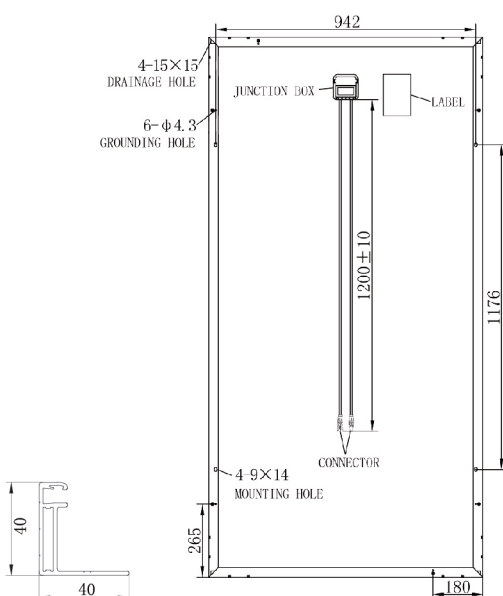
Nominal Module Operating Temperature	43 ± 2°C
Temperature Coefficient of P _m	-0.36%/°C
Temperature Coefficient of V _{oc}	-0.28%/°C
Temperature Coefficient of I _{sc}	0.06%/°C

Operating Conditions

Max System Voltage	DC1000V(TUV)
Max Fuse Rated Current	15A
Operating Temperature Range	-40°C ~ +85°C
Mechanical Load	5400Pa/2400Pa
Max Allowable Hail Load	φ25mm hail, from 1m of distance at 23 m/s
Application Class	Class A

Mechanical Property

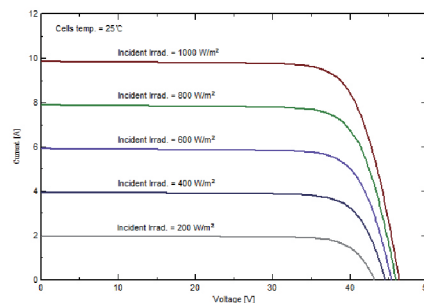
Dimension(L × W × H)	1956mmx992mmx40mm
Weight	22.5kg
Front Glass	High Transmittance Anti-reflective Coated Tempered Glass /3.2mm
Solar Cell	72(12x6)/6 inches
Encapsulant	EVA
Frame	Anodized Aluminum Alloy / Ailver /Clear
Junction Box	IP67
Cable	1200mm / 4mm ²
Connector	MC4 Compatible



Package

Container Size	Quantity(pcs)	Quantity(pallet)
20' GP	260	10
40' GP	624	24
40' HC	624	24

I-V Curve at Different Irradiation (SPP350P72)



I-V Curve at Different Temperature (SPP350P72)

