Polycrystalline PV Module

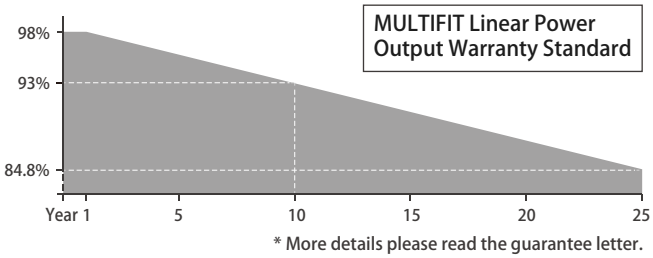
MUL-8P-350W-72

Power Output	Power Tolerance	Maximum Efficiency
325-350W	0～+5W	17.7%

- Superior silicon cells, High efficiency solar panel, Most cost-effective and ideal option for power station.
- Excellent encapsulating materials and strict production process to ensure highly resistance against PID (Potential Induced Degradation) of PV module.
- High transparent self-clean tempered glass to increase the light adoption and effectively reduce the power loss which is caused by dust.
- Pass the test for weather resistance in harsh environments (salt mist, ammonia corrosion and sand)
- Reinforced frame with more remarkable loading capacity.
- 1500V highest affordable system voltage to effectively reduce the BOS cost.

MULTIFIT Offers Long-term Quality Assurance

- 12 years Product Warranty
- 25 years Linear Power Output Warranty
- The attenuation of the power output in the first year ⩽2%, the annual average attenuation after the first year ⩽0.55%



* More details please read the guarantee letter.

Product Certification & Management Certification

- IEC61215/IEC61730/IEC61701/IEC62716
- ISO 9001:Quality Management System
- ISO 14001:Environment Management System
- ISO 45001:Occupation Health Safety Management System

MUL-8P-350W-72

Electrical performance parameters (STC)

Power Output	Pmax(W)	325	330	335	340	345	350
Rated Power Maximum Voltage	Vmp(V)	37.4	37.7	38.0	38.3	38.6	38.9
Rated Power Maximum Current	Imp(A)	8.70	8.76	8.82	8.89	8.95	9.01
Open Circuit Voltage	Voc(V)	45.7	45.9	46.2	46.4	46.6	46.8
Short Circuit Current	Isc(A)	9.22	9.27	9.34	9.40	9.46	9.52
Module Efficiency	(%)	16.4	16.6	16.9	17.1	17.4	17.7
Power Tolerance	(W)			0～+5W			

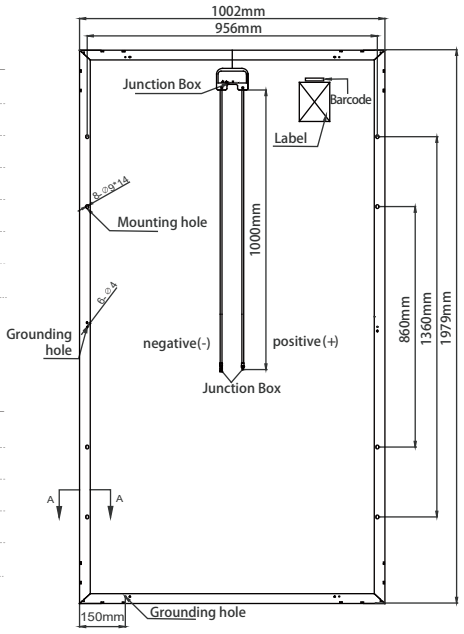
* STC : 1000W/m2 irradiance, 25° C module temperature, AM1.5 spectrum.

Electrical performance parameters (NMOT)

Power output	Pmax (W)	241.17	245.00	248.86	252.75	256.68	260.99
Rated Power Maximum Voltage	Vmp (V)	34.70	34.90	35.10	35.30	35.60	35.90
Rated Power Maximum Current	Imp (A)	6.95	7.02	7.09	7.16	7.21	7.27
Open Circuit Voltage	Voc (V)	42.80	42.90	43.10	43.30	44.00	44.20
Short Circuit Current	Isc (A)	7.46	7.53	7.60	7.66	7.76	7.81

* NMOT:800W/m2 irradiance, 20°C module temperature, 1m/s wind speed.

Module Dimension

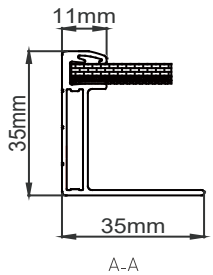


Structure Features

Solar Cell	POLY
Solar Cell Array	72 pcs
Module Dimension	1979×1002×35mm
Weight	21.5 kg
Glass	3.2 mm (0.13 inches) highly transparent anti-reflection coating tempered glass
Back sheet	White
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm², L=1000 mm、PV cable
Diode Quantity	3
Wind Pressure/Snow Pressure	2400pa / 5400pa
Connector	MC4 Compatible

* More details please read the installation manual.

Back view



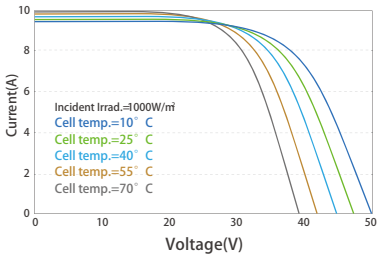
Temperature Characteristics

Solar Cells Rated Working Temperature	44±2℃
Temperature Coefficient (Isc)	+0.057%/℃
Temperature Coefficient (Voc)	-0.31%/℃
Temperature Coefficient (Pmax)	-0.39%/℃

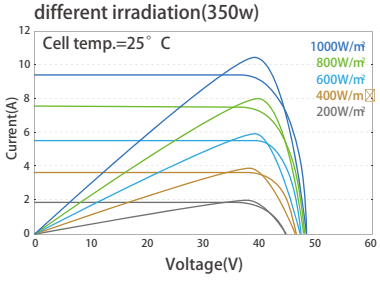
Maximum Ratings

Working Temperature	-40~+85℃
Maximum System Voltage	1000V DC 1500V DC
Maximum Fuse Rated Current	15A

I-V curves of module under different temperature(350w)



I-V curves/P-V curves of module under different irradiation(350w)



PACKAGING

Number of modules per pallet		31 pcs
17.5*2.8m	Flatbed loading	1054 pcs
13.0*2.35m	Flatbed loading	744 pcs
20GP	Standard container	310 pcs
40HQ	Standard container	682 pcs

Optional

Connector	☐ Original MC4	
Cable length	☐ 1000mm	☐ 900mm
Frame	☐ Black	
Solar Module Dimension	☐ 1979x1002x40mm	
Back sheet color	☐ Black	☐ Transparency

Power measurement error +/-3%