

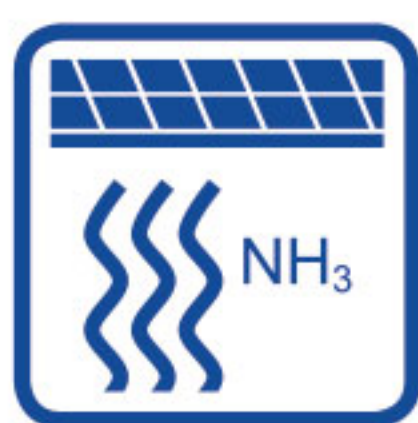
SunPlus High-efficiency Poly Module

320W-335W

◆ KEY FEATURES



Resistance to salt-spray corrosion high reliability.



Resistance to ammonia corrosion.



Fire safety.



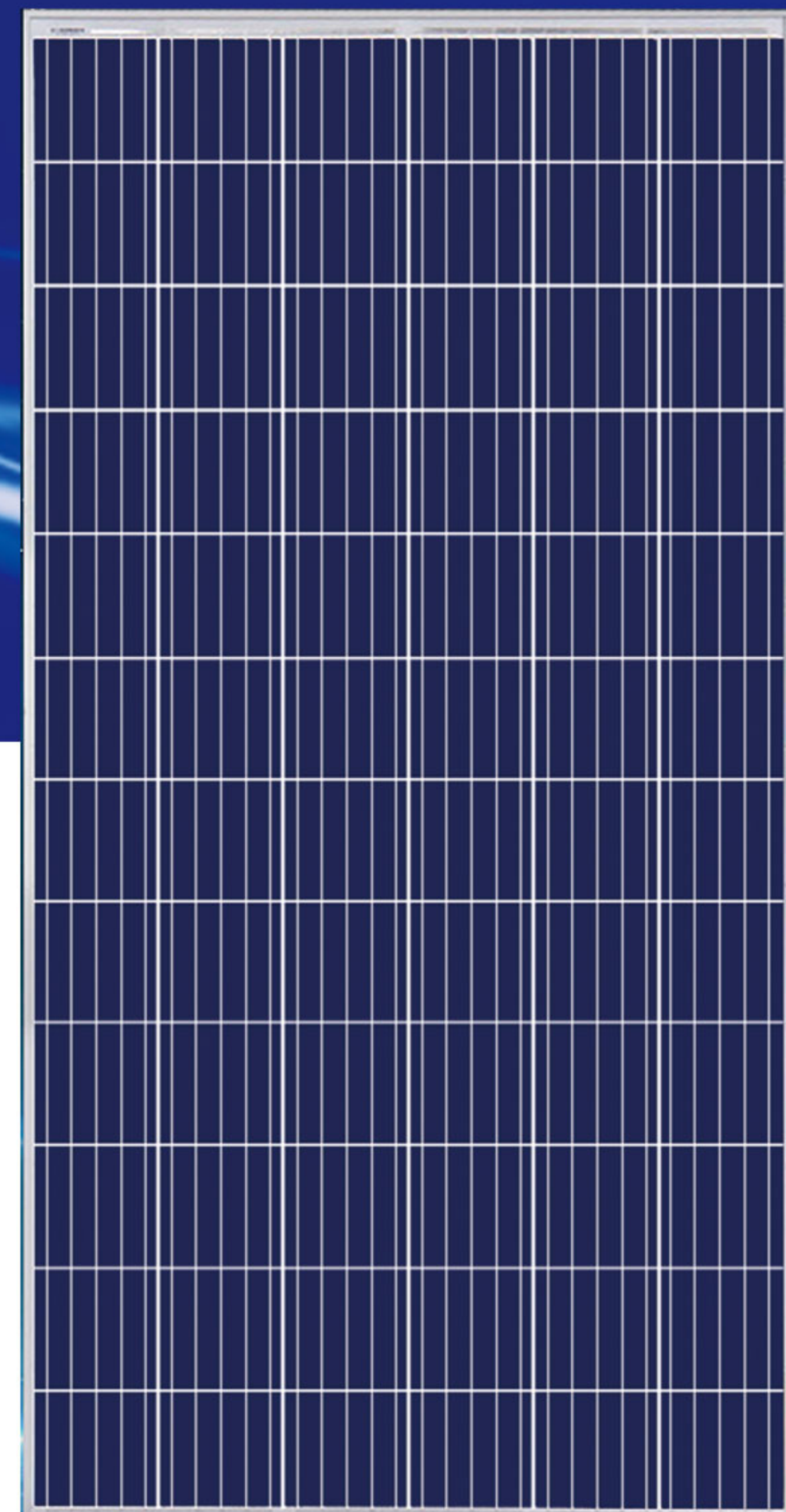
Resistance to power attenuation.



Excellent power output of modules in low light environment.



100% double EL test enabling remarkable reduction of hidden crackrate of modules.

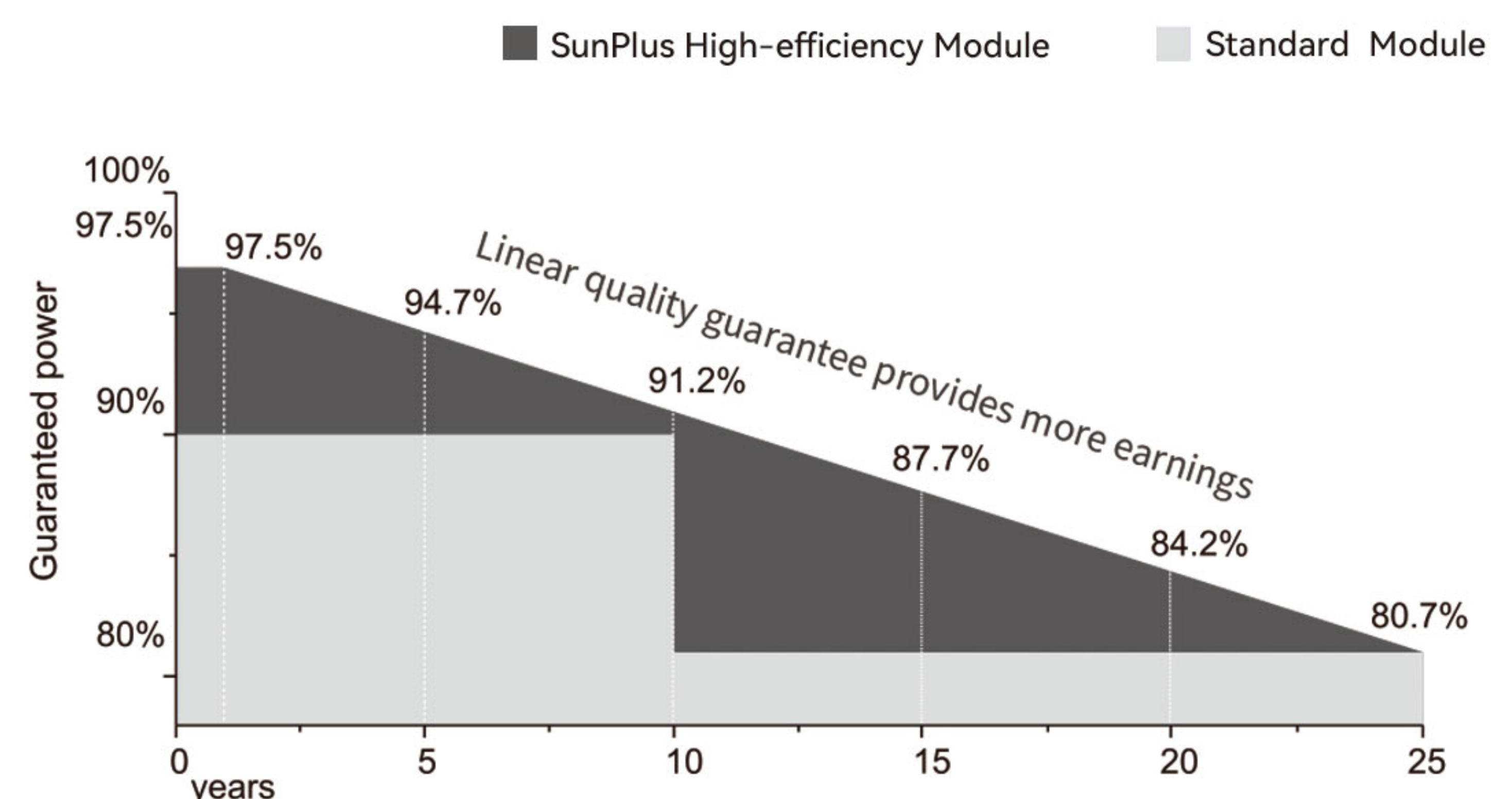


◆ PRODUCT CERTIFICATION

- Through various long-term reliability tests
- EL testing before and after lamination to ensure the reliability.
- Adhering to strict international standard management systems ISO 9001, ISO 14001 and OHSAS 18001
- Passing various rigorous environmental tests (salt spray, ammonia, and dust-proof testing such as IEC 61701, IEC 62716, DIN EN 60068-2-68)



◆ WARRANTY



SP-M2/72P320W-335W

ELECTRICAL CHARACTERISTICS (STC)

Model of Module	SP-M2/72P320W		SP-M2/72P325W		SP-M2/72P330W		SP-M2/72P335W	
	SP-M2/72PH320W		SP-M2/72PH325W		SP-M2/72PH330W		SP-M2/72PH335W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power – P _{mp} (W)	320	237	325	241	330	245	335	249
Open-circuit voltage – V _{oc} (V)	46.4	43.0	46.7	43.3	46.9	43.6	47.2	43.8
Short-circuit current – I _{sc} (A)	9.05	7.35	9.10	7.40	9.14	7.45	9.18	7.52
Maximum power voltage – V _{mp} (V)	37.4	34.7	37.6	35.0	37.8	35.3	38.0	35.6
Maximum power current – I _{mp} (A)	8.56	6.83	8.66	6.89	8.74	6.94	8.82	6.99
Module efficiency (%)	16.49%		16.75%		17.01%		17.26%	
Power tolerance (W)	(0,+3)							
Maximum system voltage (V)	1000V/1500V							
Maximum rated fuse current (A)	20A							
Current operating temperature (°C)	-40~+85°C							

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25 C , Spectra at AM1.5
NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C , Spectra at AM1.5, Wind at 1m/S

MECHANICAL SPECIFICATIONS

External Dimension (L×W×H)	1956m×992m×40mm
Solar Cells	72-cell (6x12)/Poly/156.75×156.75mm
Weight	22.5kg
Glass	Tempered, 3.2mm AR, High transmittance, Low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Cables	4.0 mm2, wire length: 1200mm or Customized Length
Connector	MC4 Compatible
Mechanical load	5400 Pa

APPLICATION CONDITIONS

Power tolerance (W)	(0,+3)
Maximum system voltage (V)	1000V/1500V
Maximum rated fuse current (A)	20A
Current operating temperature (°C)	-40~+85°C

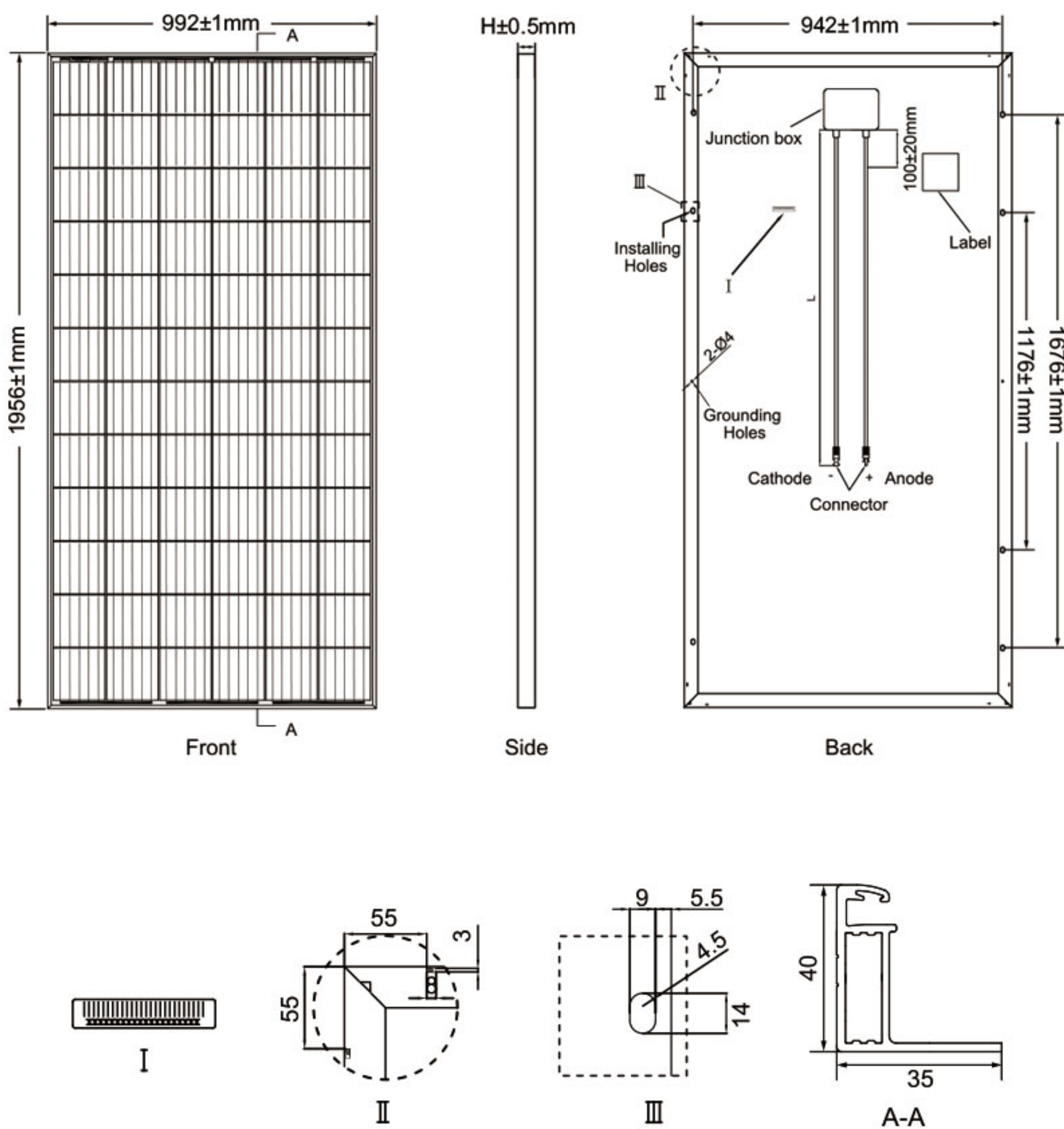
TEMP CHARACTERISTICS

Nominal Module Operating Temperature	45±2°C
Temperature Coefficient of Power	-0.38%/°C
Temperature Coefficient of Voltage	-0.31%/°C
Temperature Coefficient of Current	+0.06%/°C

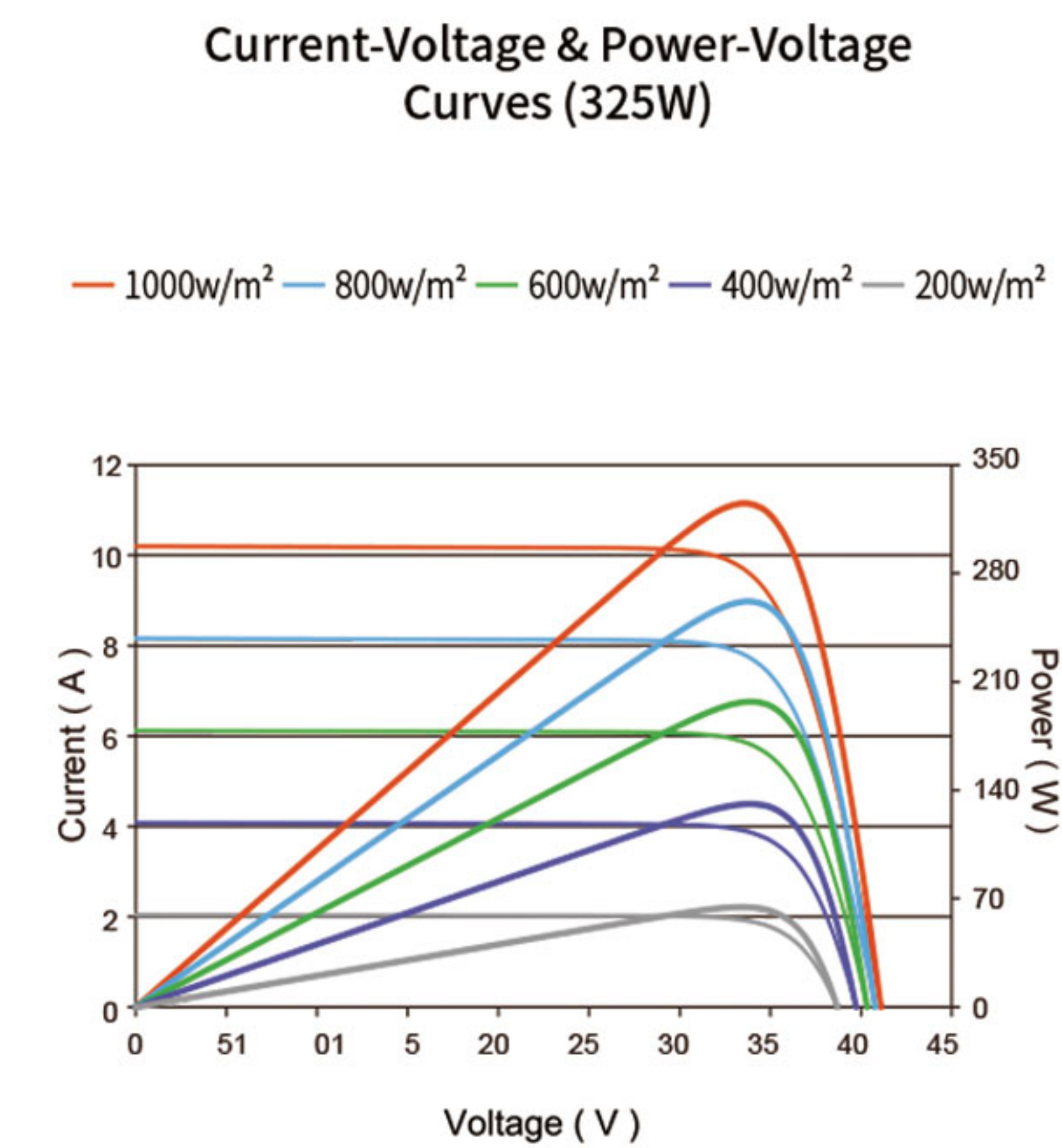
PACKING CONFIGURATION

Container	20GP	40HQ
Quantity/pallet	26	27
Pallets/container	10	24
Quantity/container	260	708

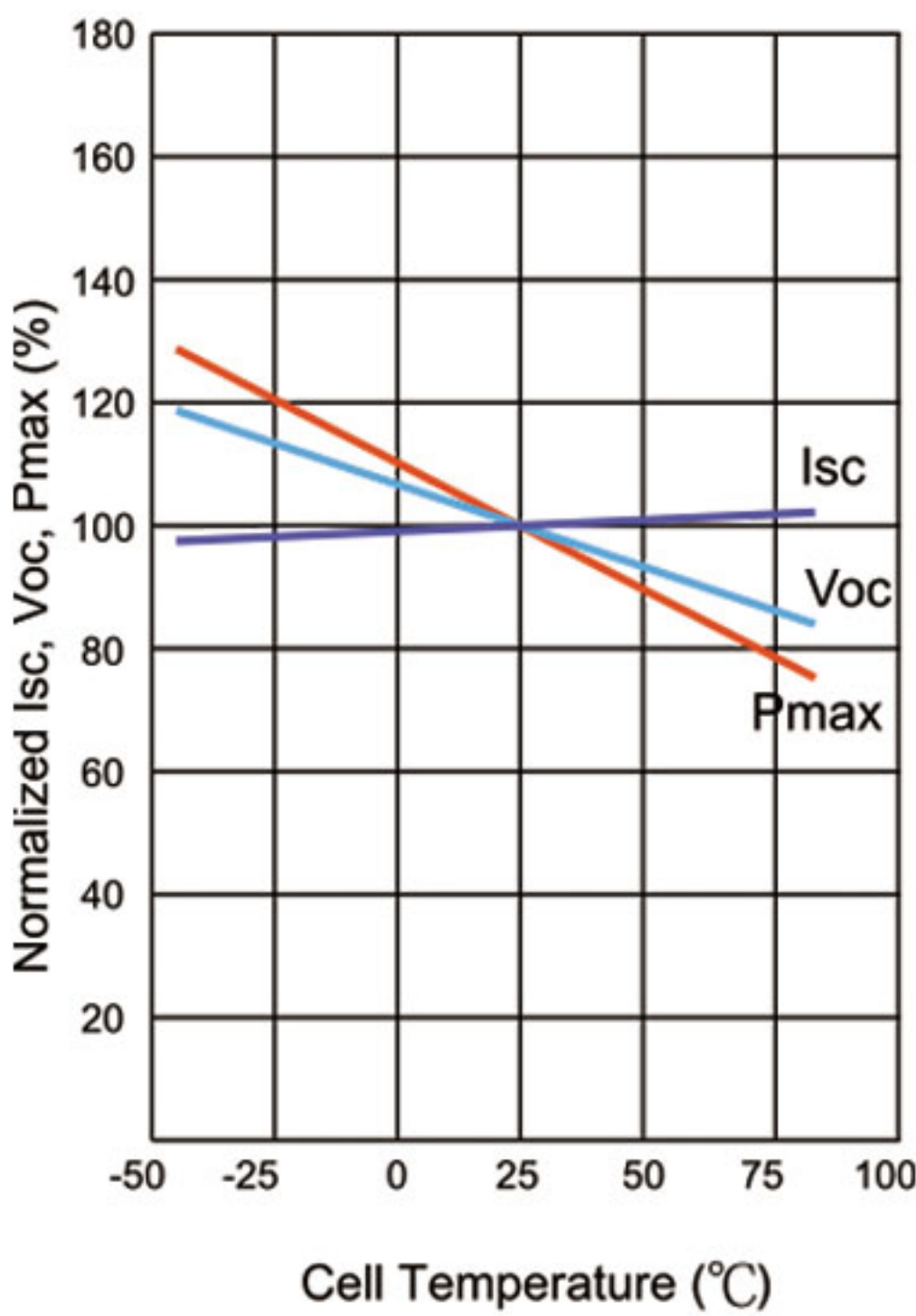
TECHNICAL DRAWING



I-V CURVE



Temperature Dependence of I_{sc}, V_{oc}, P_{max}



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Specifications are subject to change without prior notice.
SolarPlus reserves the right of final interpretation.
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