



Half-Cell SERIES

HTM 325~350 PH-72

HALF-CELL POLYCRYSTALLINE SILICON
PV MODULES



5 BUSBAR HALF-CELLS

Innovative half-cutting cell technology, lower internal current, lower internal resistance loss



HIGH OUTPUT POWER

Output power is higher than the same type of conventional polycrystalline modules



ANTI-PID CHARACTERISTICS

Ensure large-scale production of half-cell polycrystalline modules pass PID test



HOT-SPOT EFFECT

Low hot spot temperature, higher safety performance



LOAD CAPACITY

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

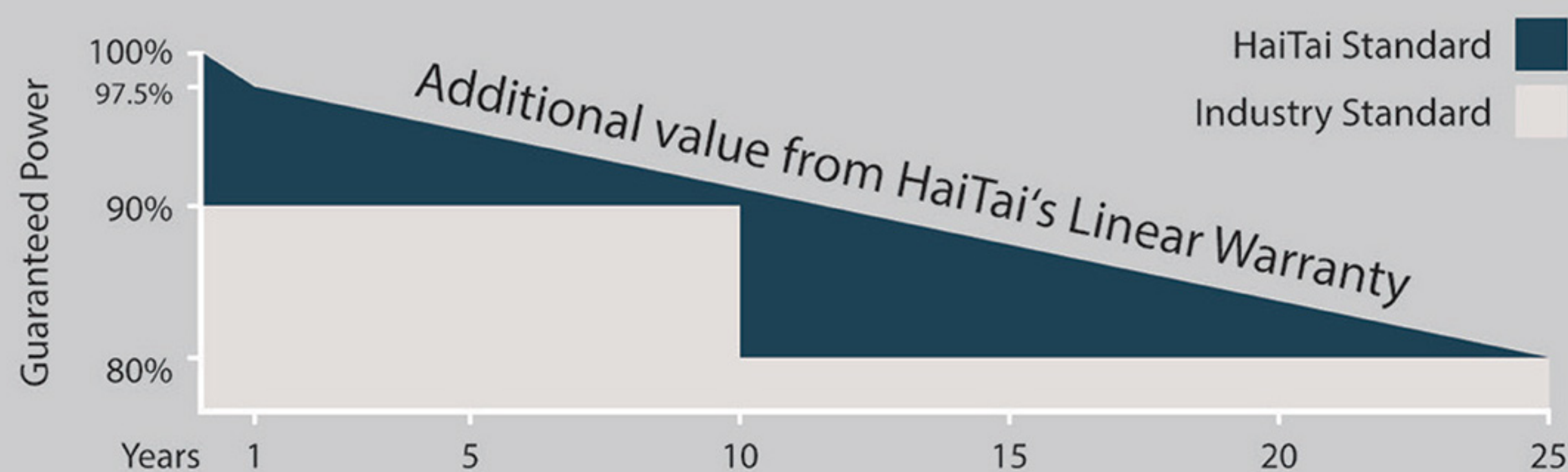


HARSH ENVIRONMENT ADAPTATION

High salt mist and ammonia resistance certified by TUV NORD

LINEAR PERFORMANCE WARRANTY

12 year Product Warranty / 25 year Linear Power Warranty



Mechanical Data

Cell Type	156.75x78.375mm Poly
Cell	144 (6x24)
Module Dimensions	1997x992x40mm
Weight	22.0kg
Glass	3.2mm high transmittance, reinforced glass
Backsheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP67
Cable	4.0mm ² photovoltaic special cable
Connector	MC4 compatible connector

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Electrical Data (STC)

Maximum Power (Pmax/W)	325	330	335	340	345	350
Voltage at Maximum Power (Vmp/V)	37.62	37.89	38.16	38.42	38.68	38.94
Current at Maximum Power (Imp/A)	8.64	8.71	8.78	8.85	8.92	8.99
Open Circuit Voltage (Voc/V)	45.60	45.95	46.30	46.65	47.00	47.35
Short Circuit Current (Isc/A)	9.14	9.21	9.28	9.35	9.42	9.49
Module Efficiency (%)	16.41	16.66	16.91	17.16	17.42	17.67

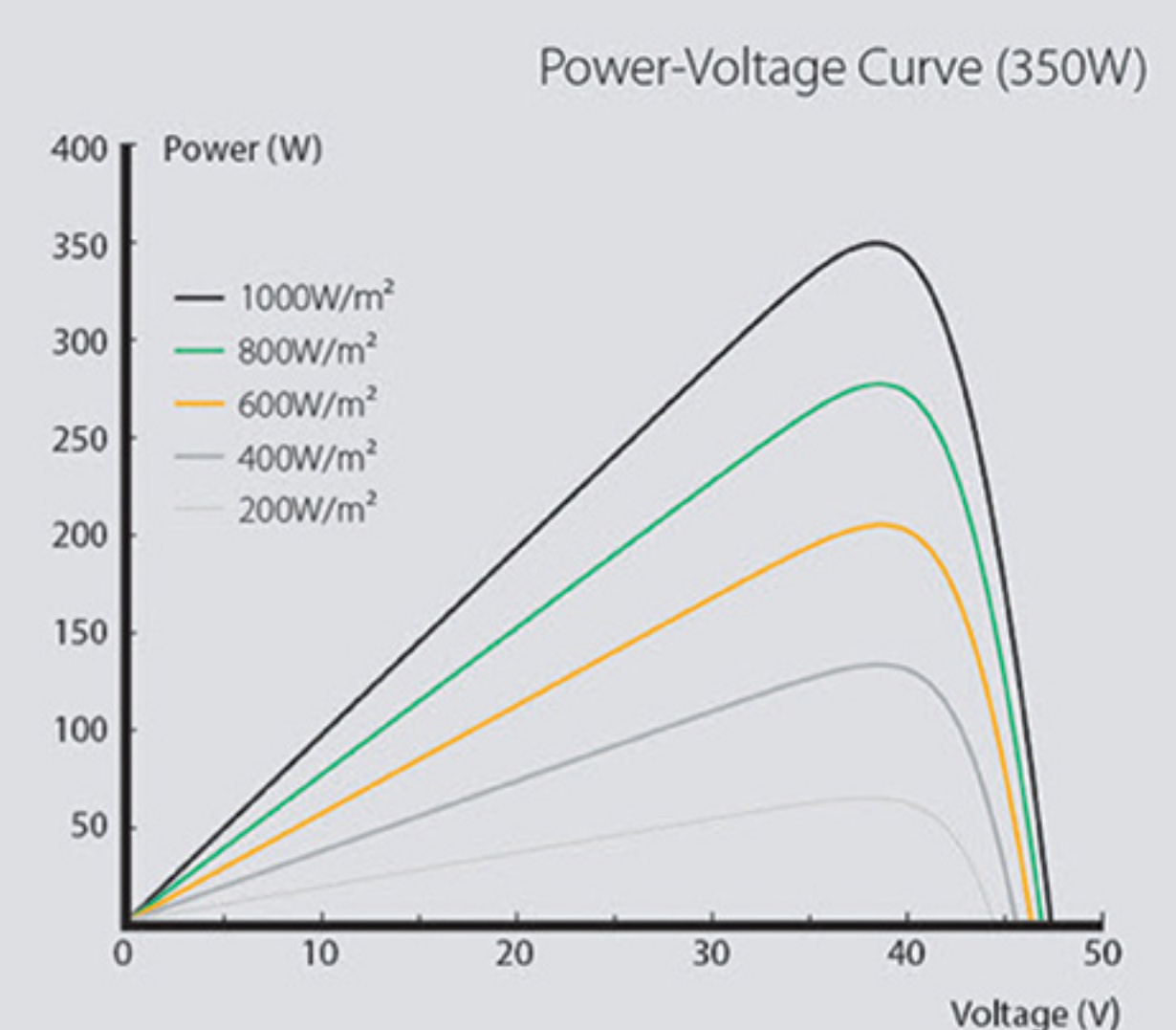
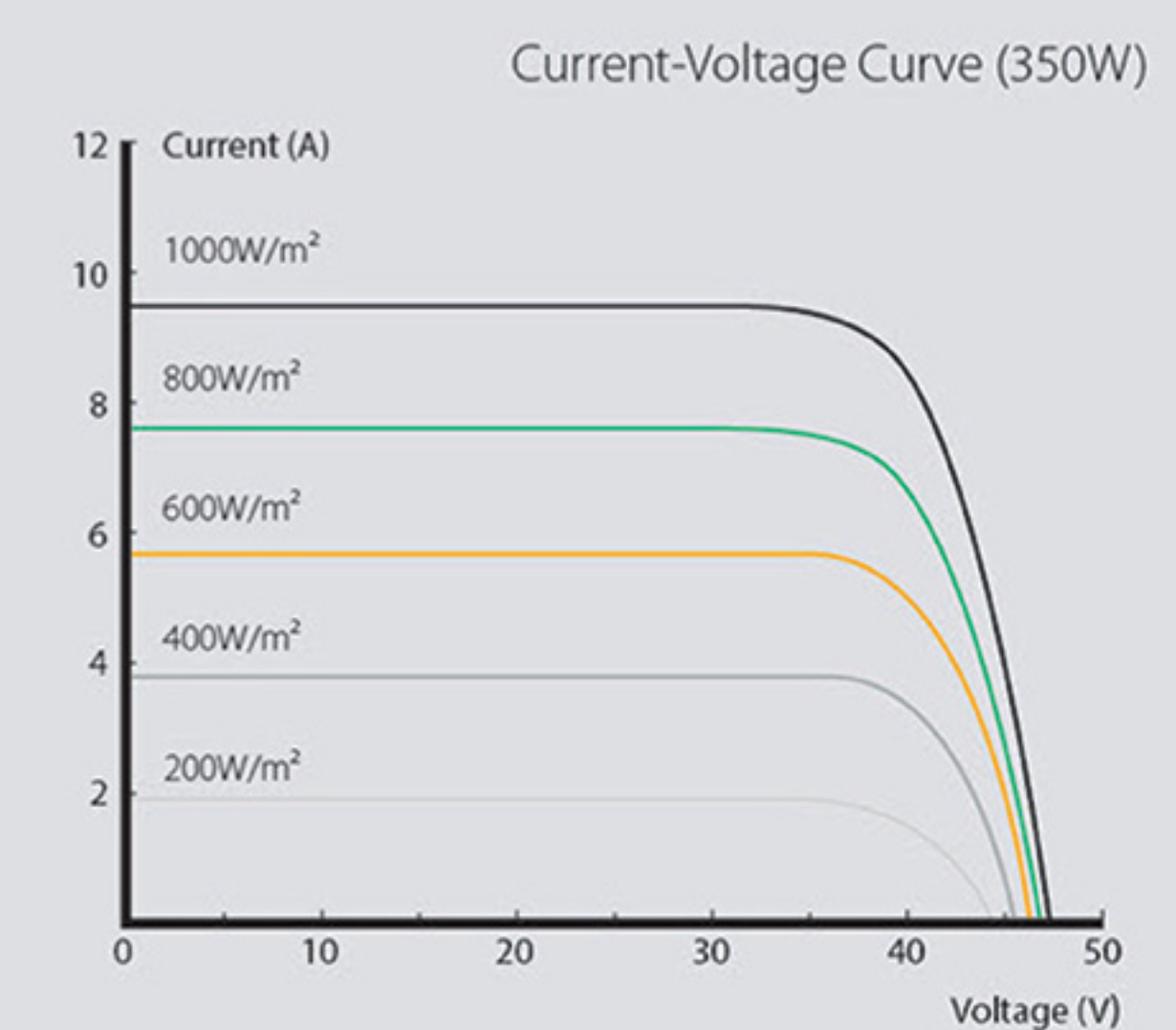
Electrical Data (NMOT)

Maximum Power (Pmax/W)	240	244	248	252	256	260
Voltage at Maximum Power (Vmp/V)	35.35	35.68	36.01	36.32	36.63	36.97
Current at Maximum Power (Imp/A)	6.79	6.84	6.89	6.94	6.99	7.04
Open Circuit Voltage (Voc/V)	43.14	43.55	43.96	44.36	44.78	45.18
Short Circuit Current (Isc/A)	7.27	7.32	7.37	7.42	7.47	7.52

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, AM1.5

NMOT (Nominal Module Operating Temperature): Ambient Temperature 20°C, Wind Speed 1m/s.

I-V Curve



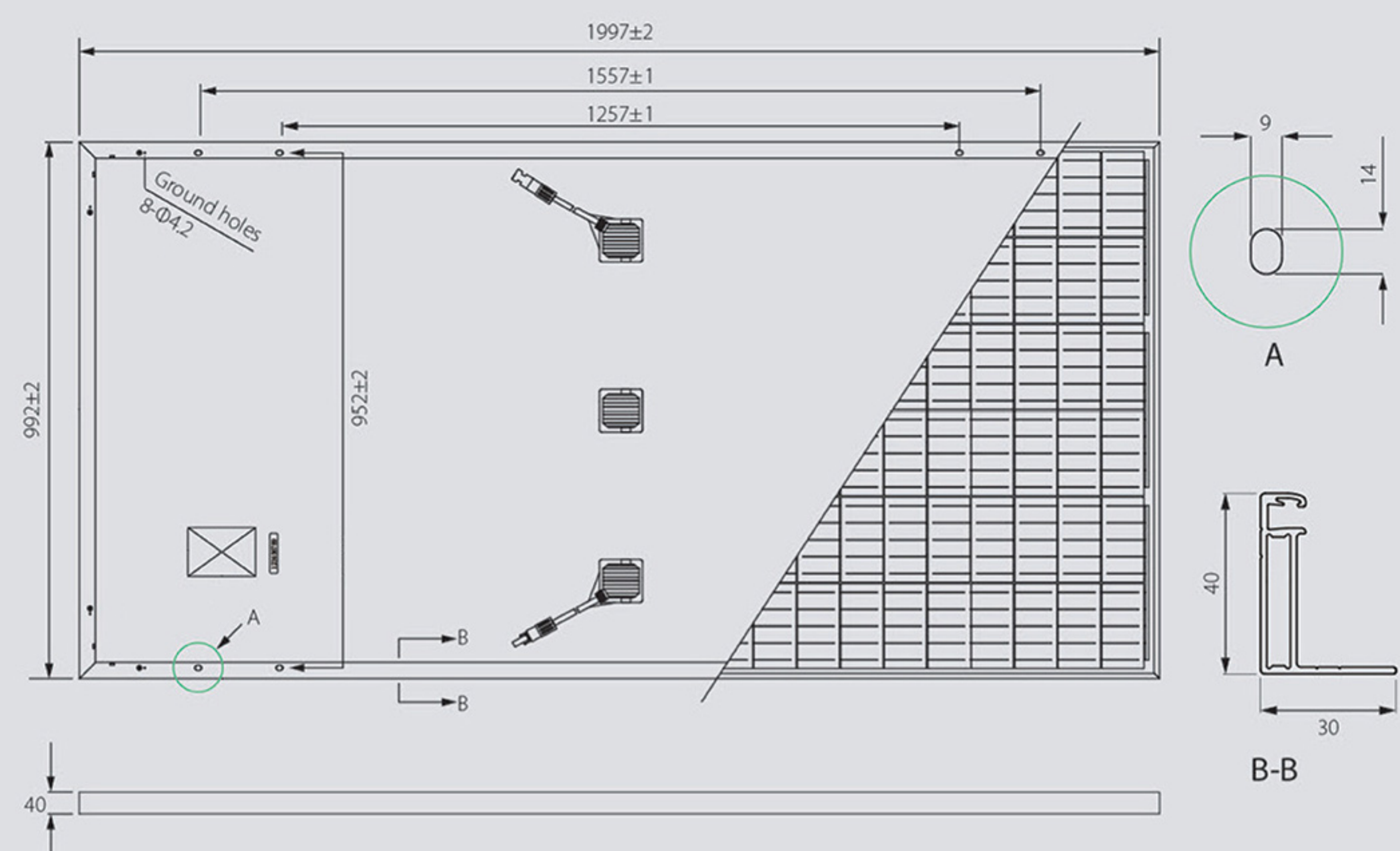
Temperature

Temperature Coefficient (Pm)	-0.404%/°C
Temperature Coefficient (Voc)	-0.287%/°C
Temperature Coefficient (Isc)	0.024%/°C

Operating Parameters

Maximum System Voltage	1000/1500V
Operating Temperature	-40°C~+85°C
NMOT (Nominal Module Operating Temperature)	41±3°C

Module Dimensions (mm)



Packaging

Modules Per Pallet:	27+27+4 pcs
Modules Per 40'HQ Container:	638 pcs



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