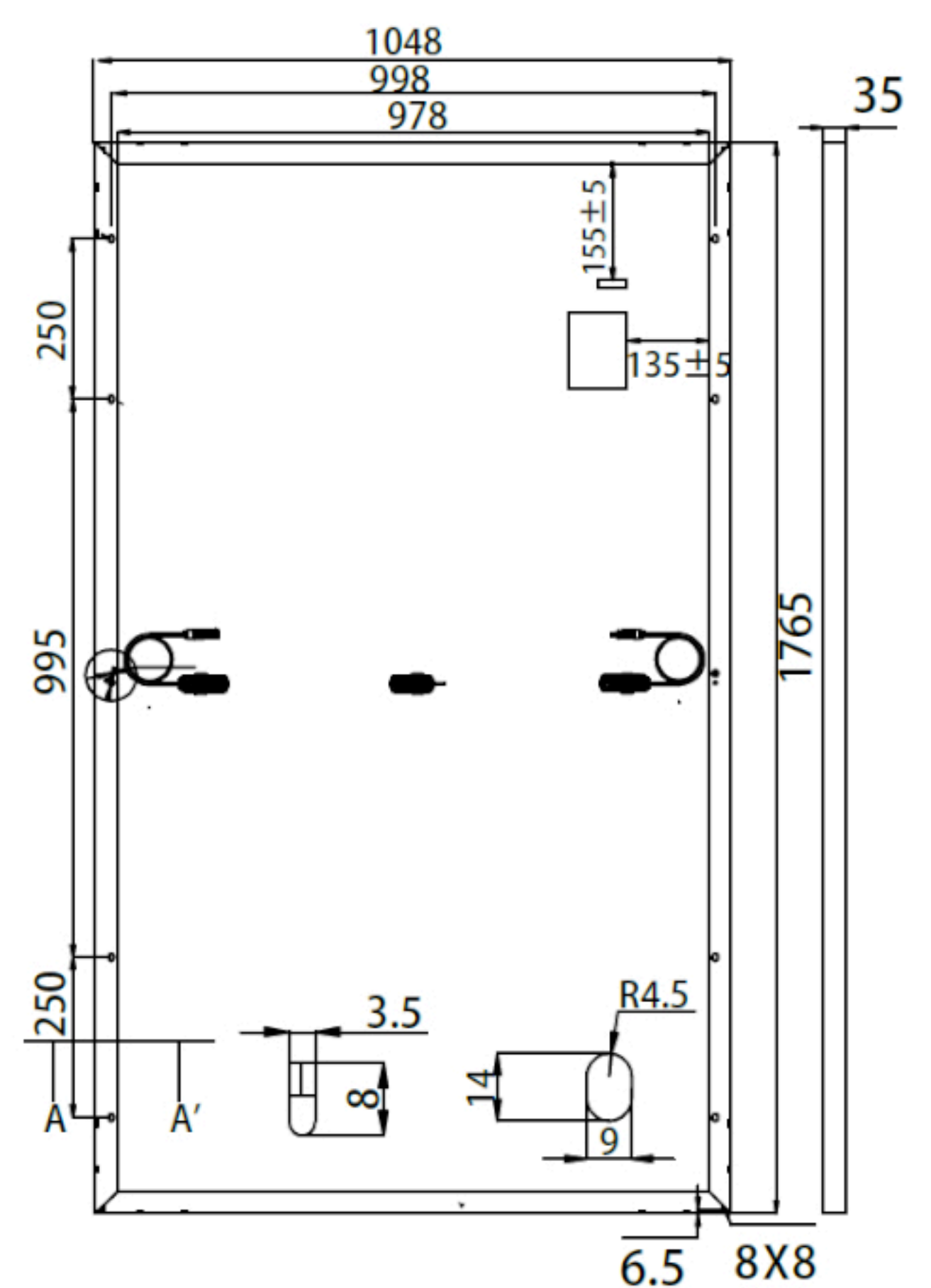


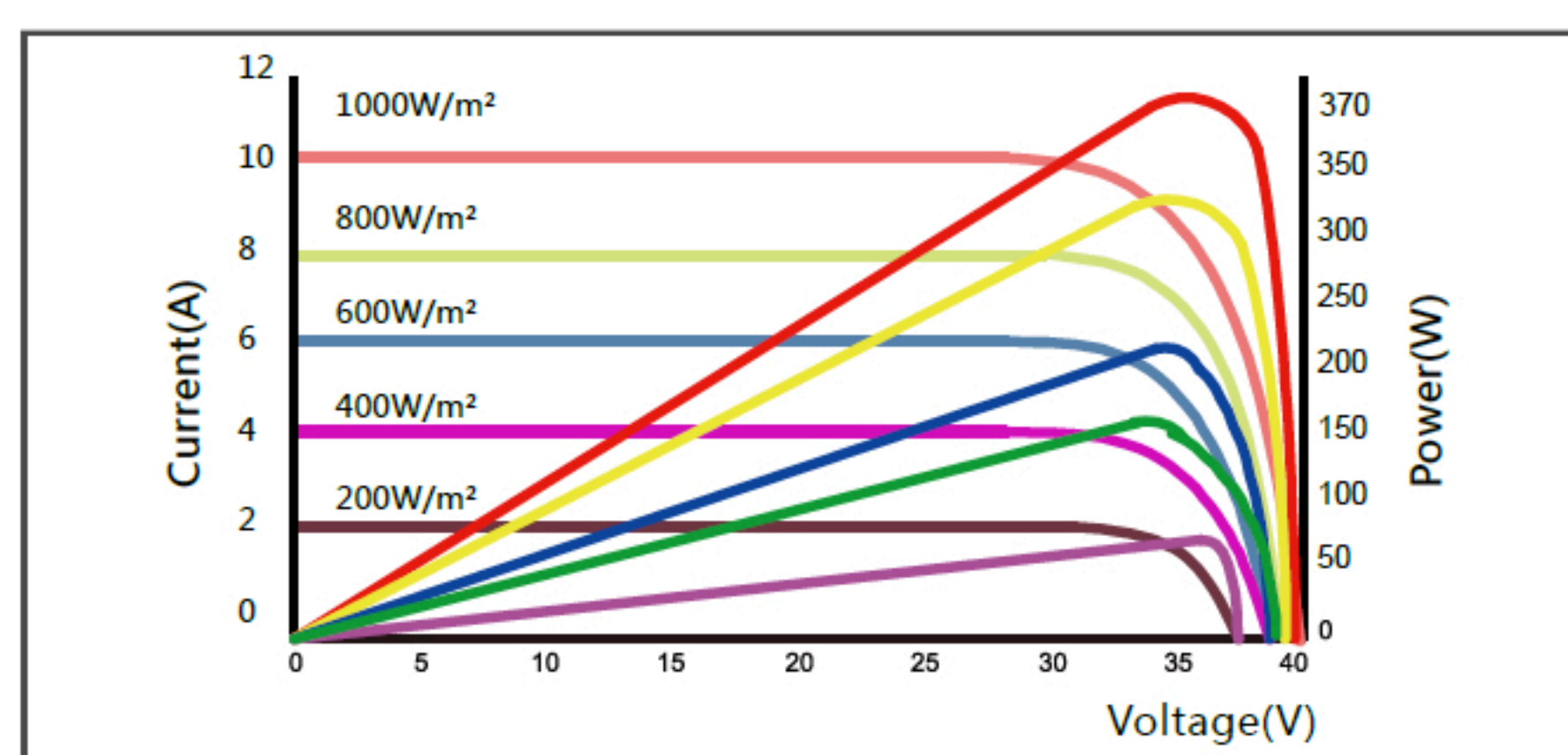


Backview Sideview

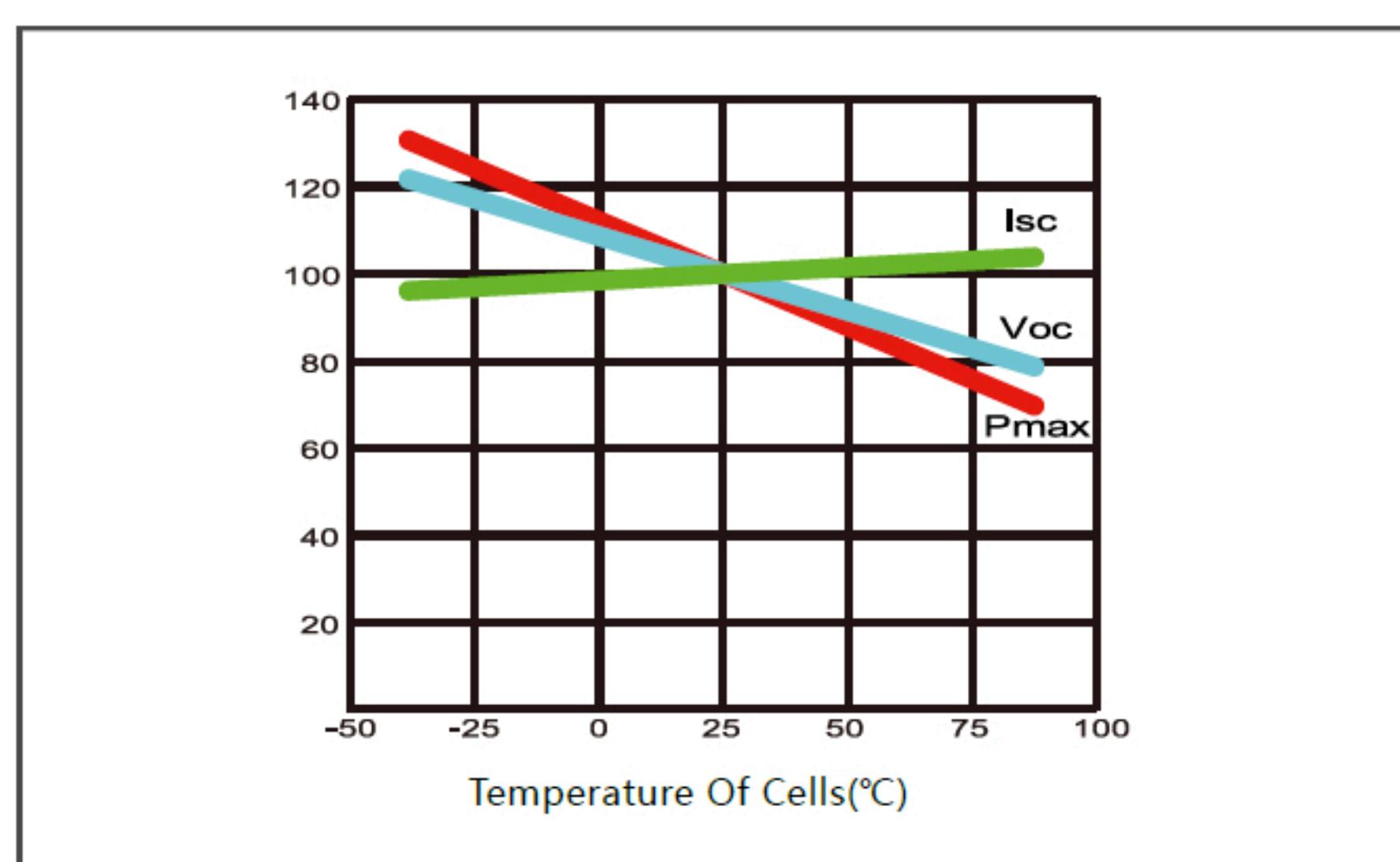
Frame Cross Section A-A



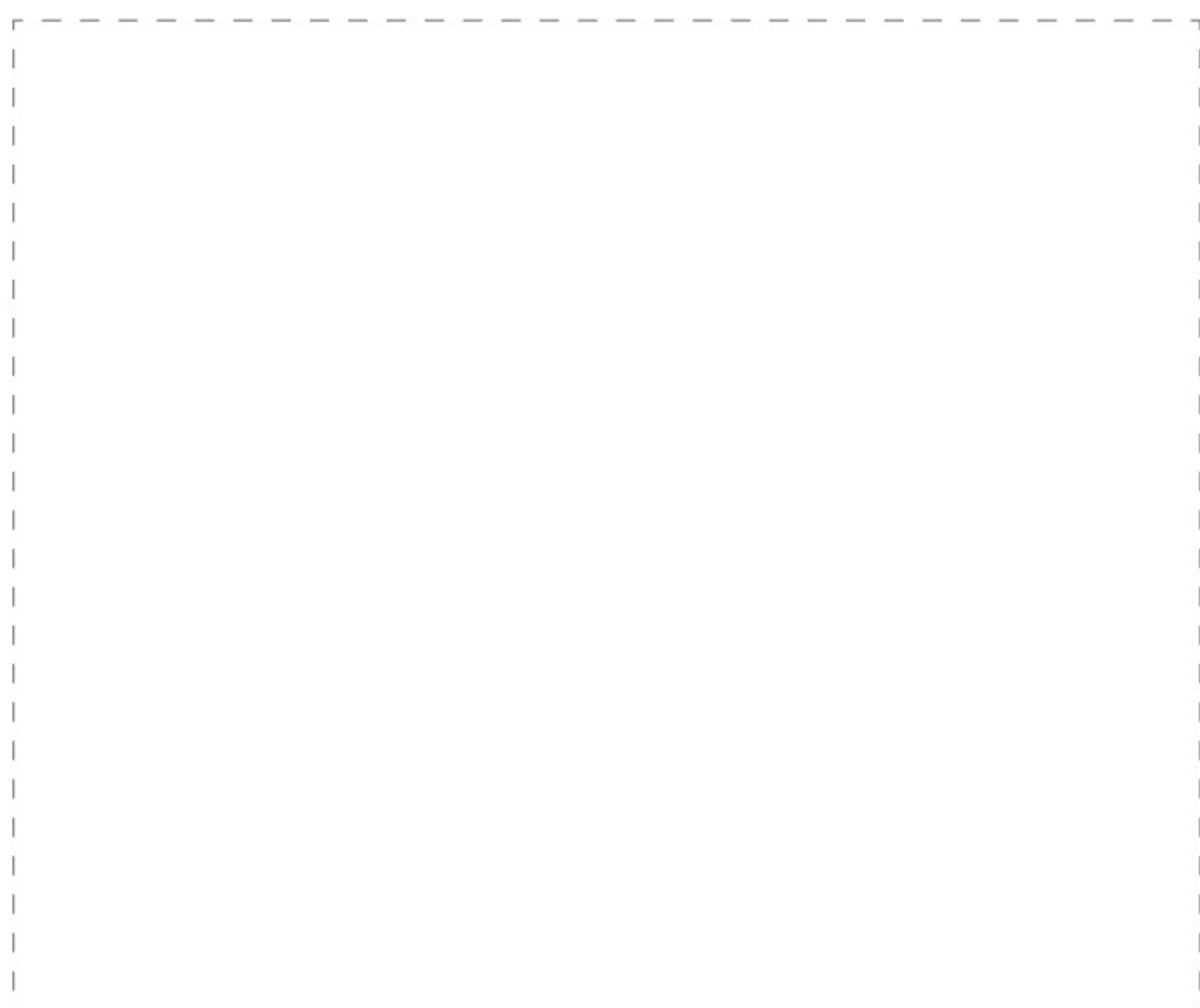
I-V characteristics at different irradiancies



I-V characteristics at different temperature



Partner information



ELECTRICAL PARAMETERS AT STC

Power	360W	365W	370W	375W	380W
Open Circuit Voltage	40.90V	41.10V	41.30V	41.50V	41.70V
Short Circuit Current	11.20A	11.28A	11.37A	11.46A	11.55A
Maximum Power Voltage	33.70V	33.90V	34.10V	34.30V	34.50V
Maximum Power Current	10.69A	10.77A	10.86A	10.95A	11.04A
Module Efficiency	19.5%	19.7%	20.0%	20.3%	20.5%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NMOT

Power	270W	274W	277W	281W	285W
Open Circuit Voltage	38.40V	38.50V	38.70V	38.90V	39.10V
Short Circuit Current	9.09A	9.17A	9.19A	9.21A	9.23A
Maximum Power Voltage	31.30V	31.50V	31.60V	31.80V	32.00V
Maximum Power Current	8.64A	8.71A	8.77A	8.84A	8.91A
Module Efficiency	14.6%	14.8%	15.0%	15.2%	15.4%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

NMOT	41±3°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.36%/°C

PACKING CONFIGURATION

Modules/Pallet	31 pieces	Modules/40' container	871 pieces
Packing Description	26 Pallets, Total=(31+31+5)x13=871 Pieces		

SPECIFICATIONS

Weight	20kg
Dimensions	1765mm*1048mm*35mm
Cell Amount	60*2 pcs (166×166mm)
Maximum System Voltage	1000/1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , Landscape: N 1100mm/P 1100mm Portrait: N 150mm/P 300mm
Connection	MC4 compatible
Application Level	Class A

MAXIMUM RATING

Output Tolerance	0~+5W
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	20A

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716





IE166-M-60-MH9

60 Cells

Monocrystalline half-cell

360-380W

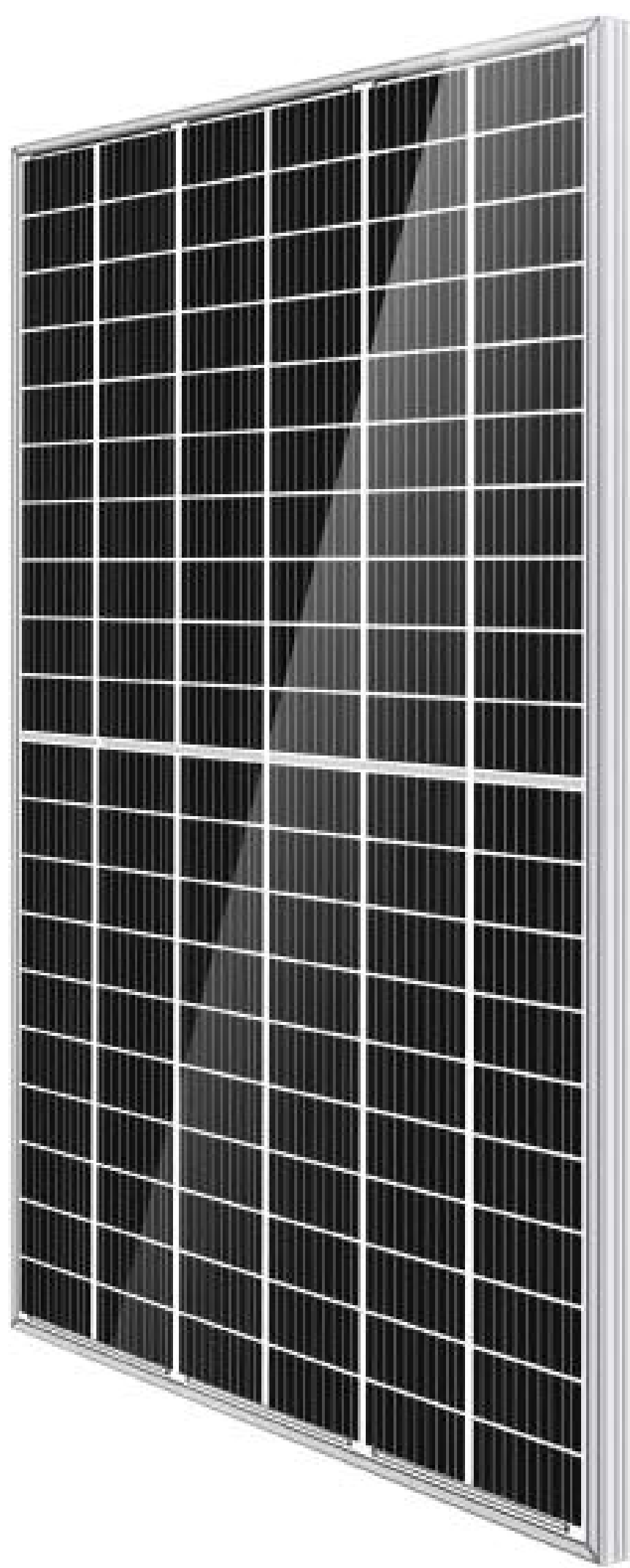
Power output

20.5%

The Highest Efficiency

0~+5W

Tolerance



IE166-M-60-MH9 is a modern high-tech solar module with 60 monocrystalline solar cells spaced by the half-cell technology. We used the most advanced cells with a size of 166 * 166 mm and combined them 9 with conductive busbars to achieve the highest value of solar energy generation. Our capacities allow obtaining the highest rates of commercial efficiency of both private and commercial solar generation projects. Inter Energy is continuously improving the quality control and uses only sound materials in production to deliver the industry-leading results.



High module conversion efficiency (up to 20.5%), through superior manufacturing technology



Guaranteed 0~+5W positive power output tolerance ensures high reliability



Anti-reflective, hydrophobic coating improves light absorption and reduces surface dust



Excellent performance under low light environments (mornings, evenings and cloudy days)



Suitable for harsh environments, such as coasts, deserts and lakes. Withstand high level of wind loads (2400pa) and snow loads (5400pa)



9BB Cell
More uniform current collection capability, reducing the current heat loss of the internal cells

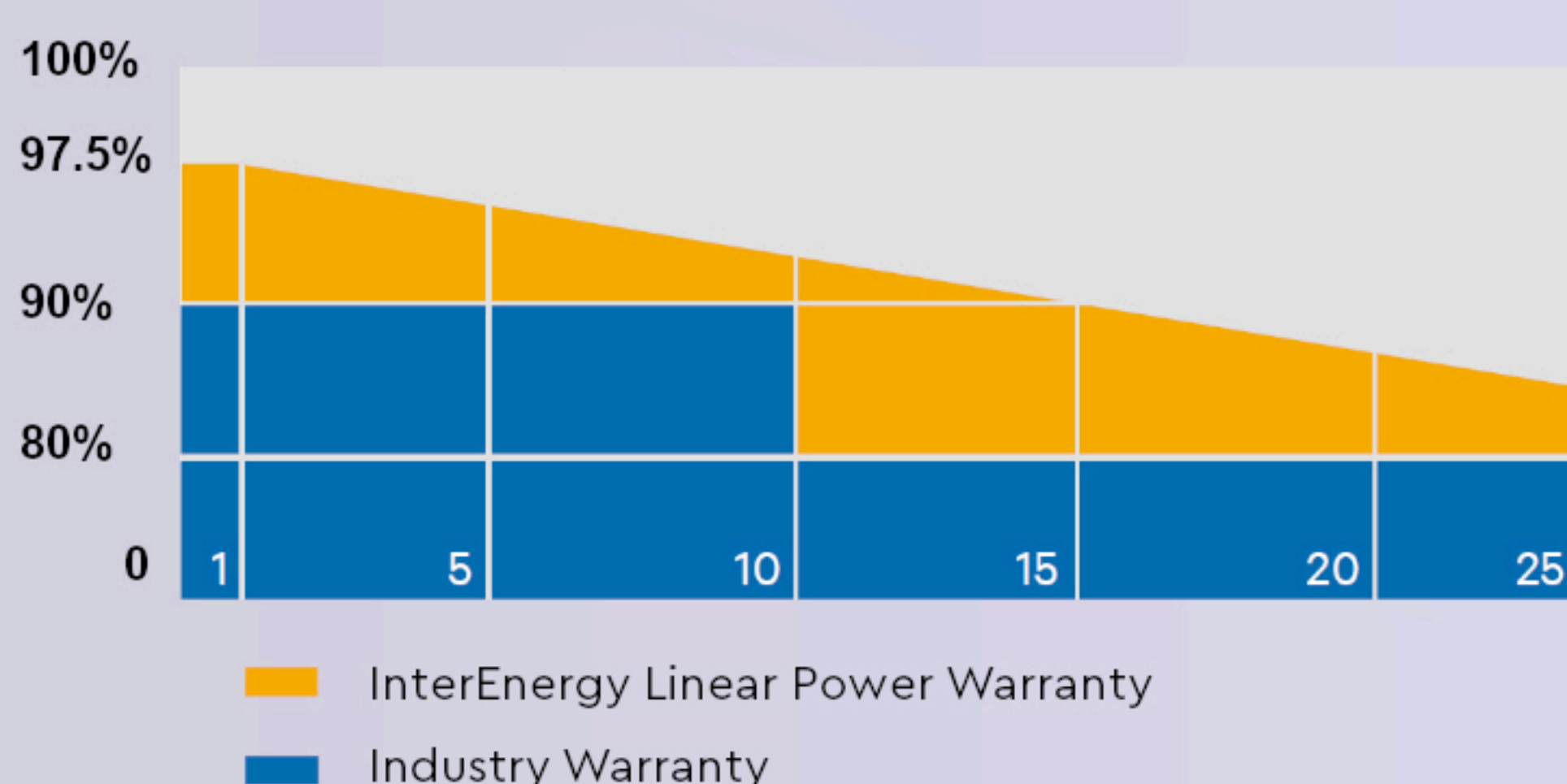


Higher Output Power
The output power of 120 half-cells Monocrystalline modules is up to 380W.



Low Light Features
Higher performance under low light environment.

0.5% Annual Degradation over 30 years



LINEAR PERFORMANCE WARRANTY
12 year Product Warranty / 30 year Linear Power Warranty

Full range of products and certification systems

ISO 9001 TUV PID-FREE CE IEC61215/61730/61701/62716

