

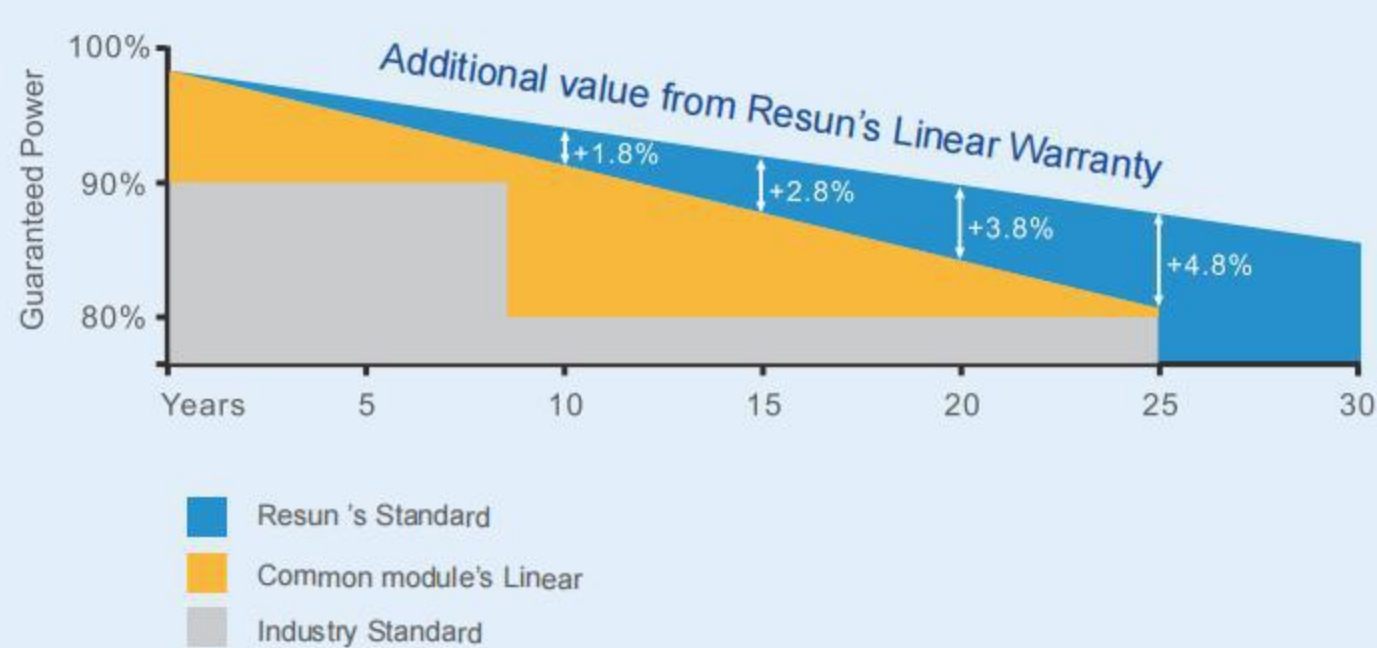
36 Cells
Poly-crystalline 9BB

185-205W
Power output

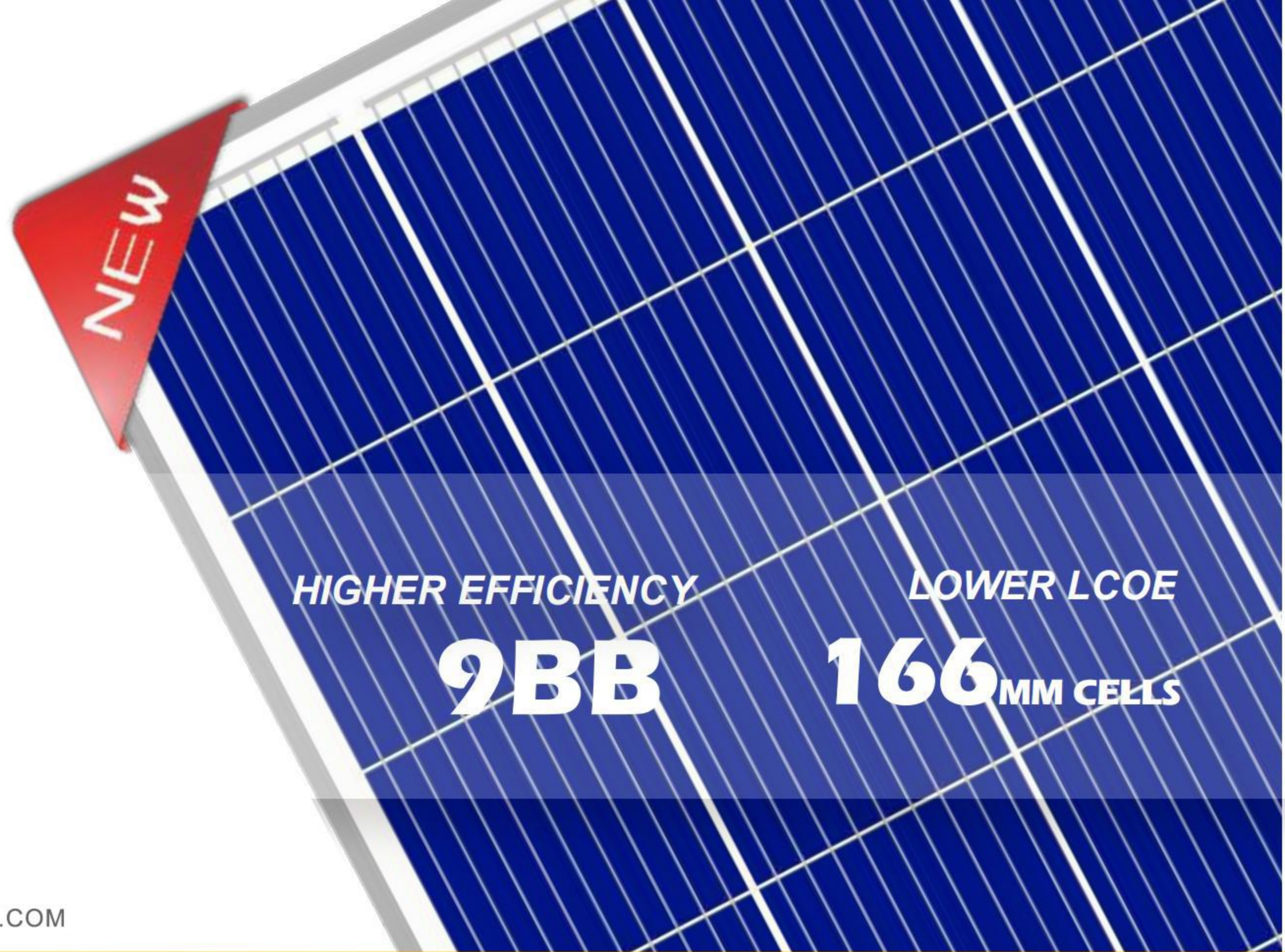
18.77%
The Highest Efficiency

0~+5W
Tolerance

0.5% Annual Degradation
over 30 years



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



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RS7E-P

RS7E-P series is produced with high efficiency multi-busbar cells, which can reduce the module internal power loss to improve its conversion efficiency, as well as lower the failure risk caused by cracks and broken busbar to enhance the module reliability.



High Reliability

Multi-busbar technology can effectively reduce the reliability risk caused by cells cracks and broken busbar.



Anti-PID Resistance

Prominent anti-PID performance reduces the power degradation, leading to higher energy yield and lower LCOE.



Durability Against Extreme Conditions

Certified to resist high salt mist and ammonia conditions.



High Efficiency

Multi-busbar technology can reduce the module internal power loss to improve the module conversion efficiency significantly.



Low-Light Performance

With high transmittance and anti-reflective 3.2mm tempered glass, the module has stronger performance under low light circumstances.



High Mechanical Strength

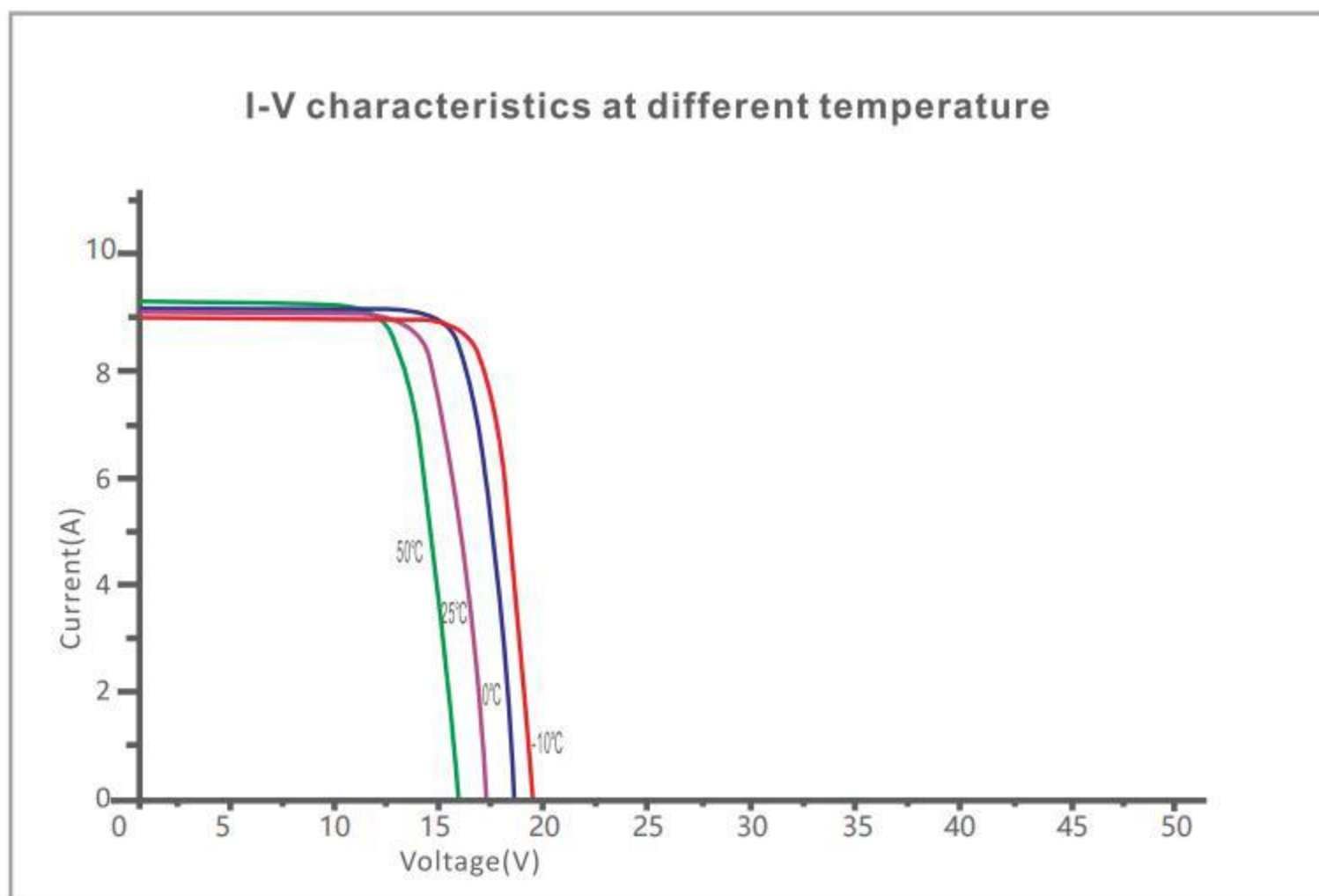
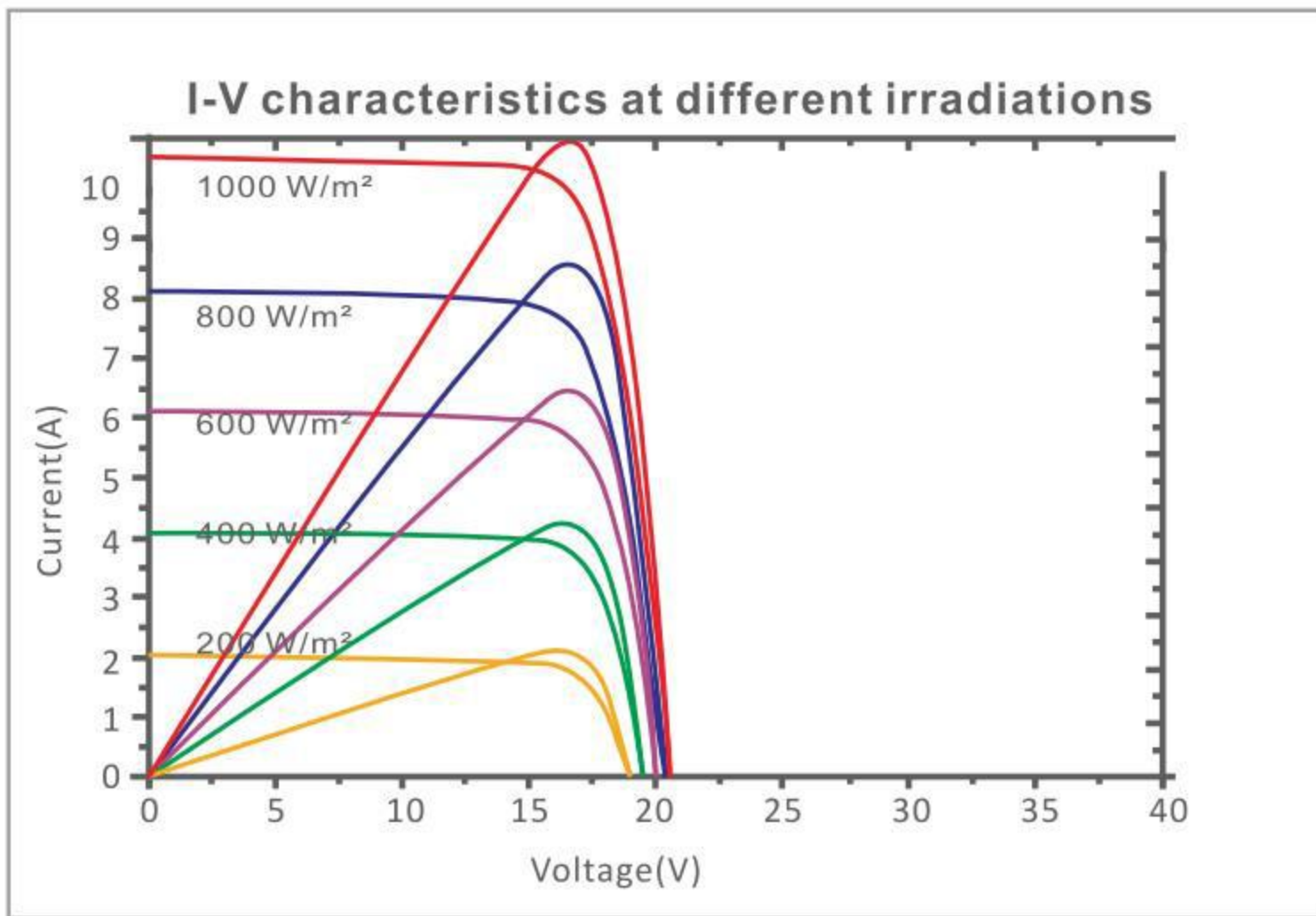
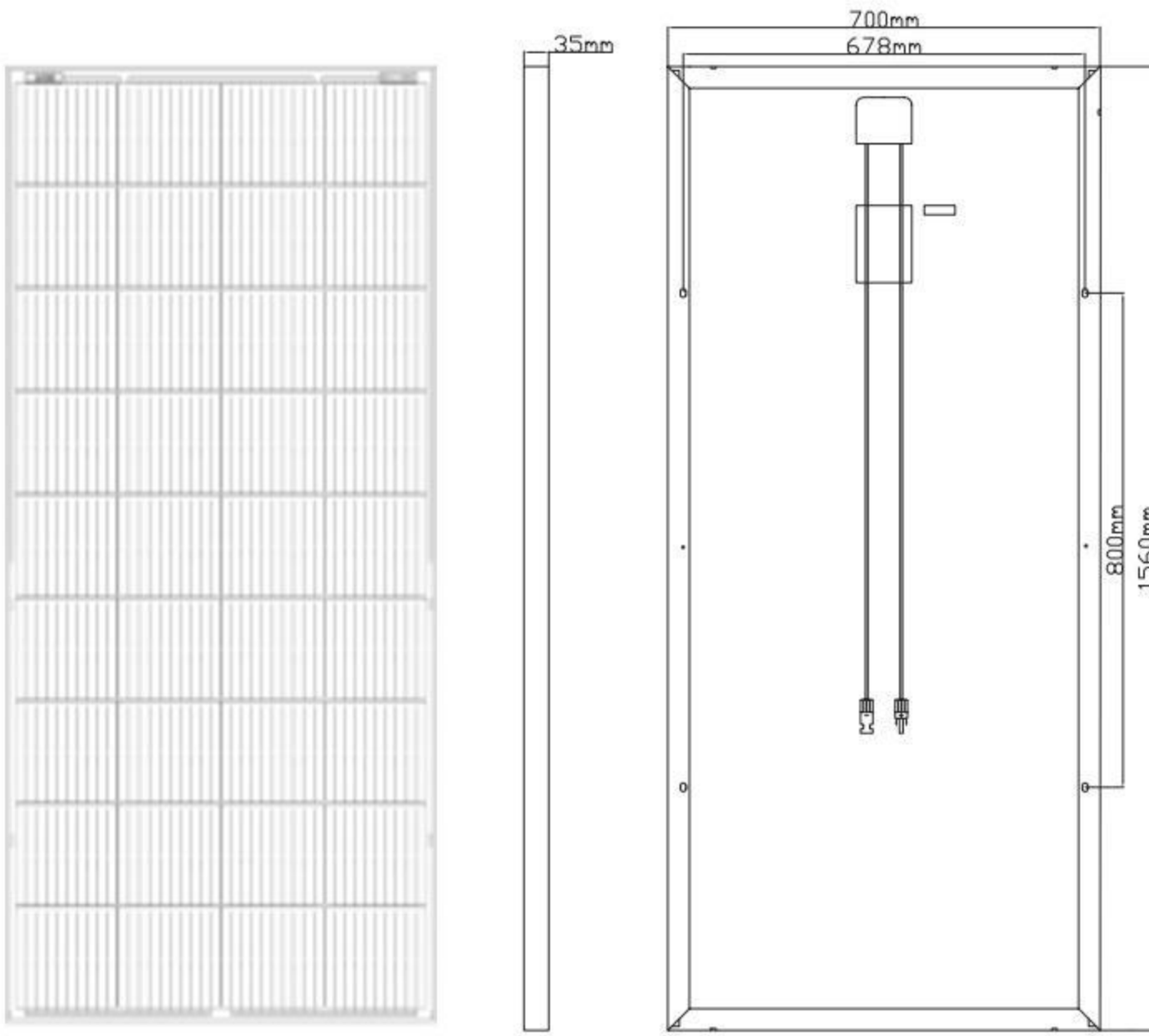
Certified to withstand: high wind load(2400Pa) and snow load(5400Pa).

Full range of products and certification systems

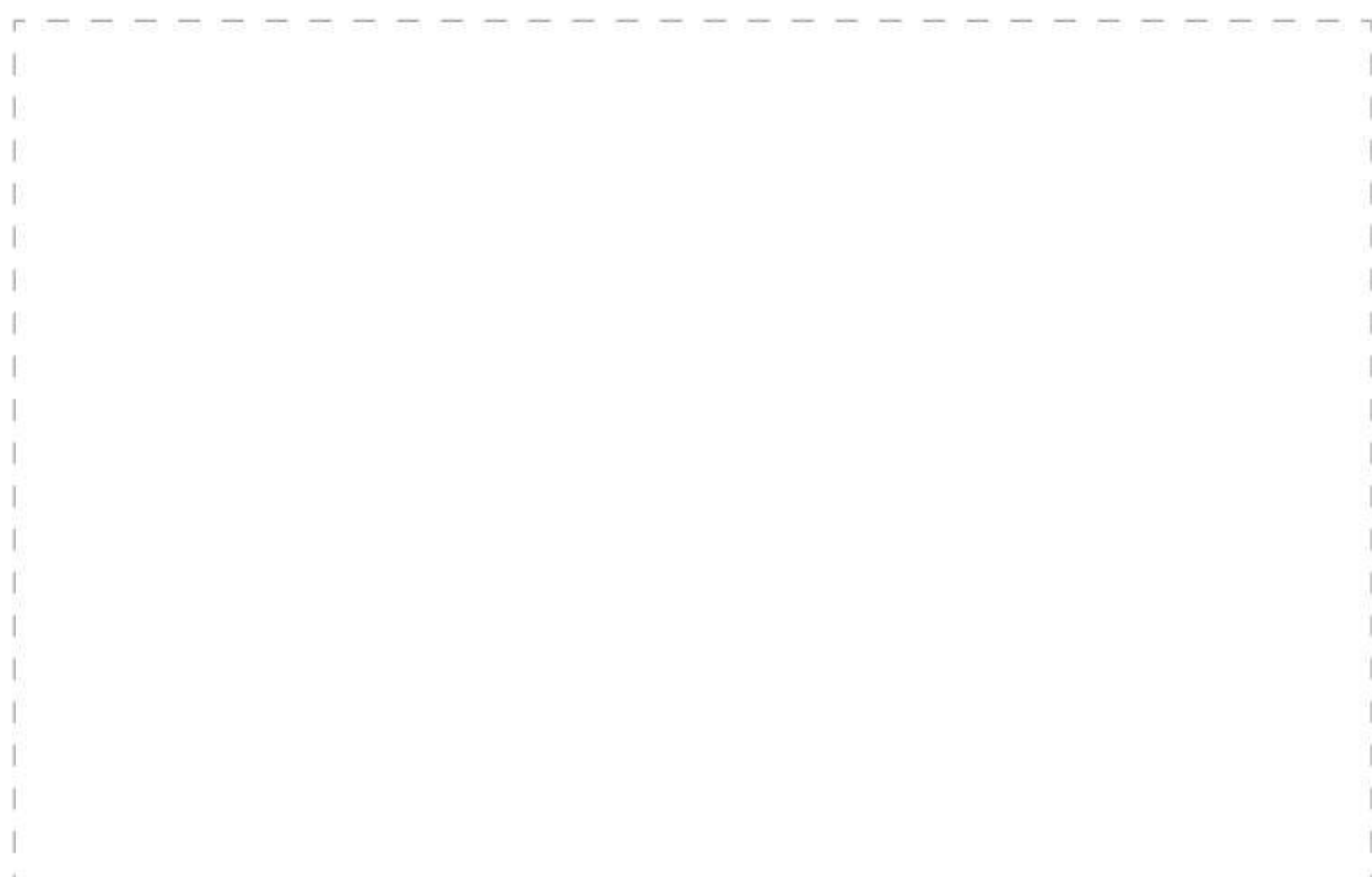
ISO9001 TUV PID-FREE CE IEC61215/61730/61701/62716



Dimension of PV Modules Unit: mm



Partner information



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ELECTRICAL DATA(STC)

Rated Power in Watts-Pmax(Wp)	185W	190W	195W	200W	205W
Open Circuit Voltage-Voc(V)	22.52V	22.88V	23.24V	23.60V	23.95V
Short Circuit Current-Isc(A)	10.69A	10.76A	10.83A	10.90A	10.97A
Maximum Power Voltage-Vmp(V)	18.27V	18.63V	18.99V	19.35V	19.70V
Maximum Power Current-Imp(A)	10.13A	10.20A	10.27A	10.34A	10.41A
Module Efficiency (%)	16.94%	17.40%	17.86%	18.32%	18.77%

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.

ELECTRICAL DATA(NOCT)

Maximum Power-Pmax (Wp)	137.7W	141.4W	145.1W	148.9W	152.6W
Open Circuit Voltage-Voc (V)	21.16V	21.50V	21.84V	22.17V	22.50V
Short Circuit Current-Isc (A)	8.62A	8.68A	8.73A	8.79A	8.85A
Maximum Power Voltage-Vmp(V)	17.00V	17.33V	17.67V	18.00V	18.33V
Maximum Power Current-Imp(A)	8.10A	8.16A	8.21A	8.27A	8.33A

NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Poly-crystalline 166X166mm, 9 Bus bars
Cell configuration	36cells(4x9)
Module dimensions	1560x700x35mm
Weight	12KGS
Front Cover	3.2mm Tempered Glass
Frame Material	Anodized Aluminum Alloy
J-BOX	IP67 or IP68, 2 or 3 diodes
Cable	4mm ² (IEC)/12AWG(UL),900mm
Connectors	MC4 or MC4 Comparable
Standard Packaging	2pcs/carton

TEMPERATURE & MAXIMUM RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficient of Voc	-0.32%/°C
Temperature Coefficient of Isc	0.05%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Operational Temperature	-40~+85°C
Maximum System Voltage	1000V(IEC)/1000V(UL)
Max Series Fuse Rating	15A
Limiting Reverse Current	15A

PACKAGING CONFIGURATION

	40HQ	20GP
Number of modules per container	1452pcs	610pcs
Package	2pcs/carton	2pcs/carton
Package Number	726cartons	305cartons