

Summit Series

Monocrystalline
132 - cell Module

TW-670HT

650 - 670W

0-3% Positive Tolerance



Monocrystalline



Half Cell



12BB



Grade A



• MODULE FEATURES

High Efficiency
PERC technology improves efficiency, increases power generation, and contributes to lower LCOE.

Lower Heat Spot Risk
Innovative circuit design and “Half Cell” structure decrease the temperature of heat spots and effectively reduce power loss.

Excellent Low-light Performance
Reliable performance in low-light conditions such as in the morning, at dusk or during raining days.

Resilient to Extreme Weather
Carefully selected materials ensure the module still works well under the condition of 2400Pa wind load and 5400Pa snow load.

ANTI PID
High quality solar cell and advanced processing technology contribute to excellent PID resistance performance.

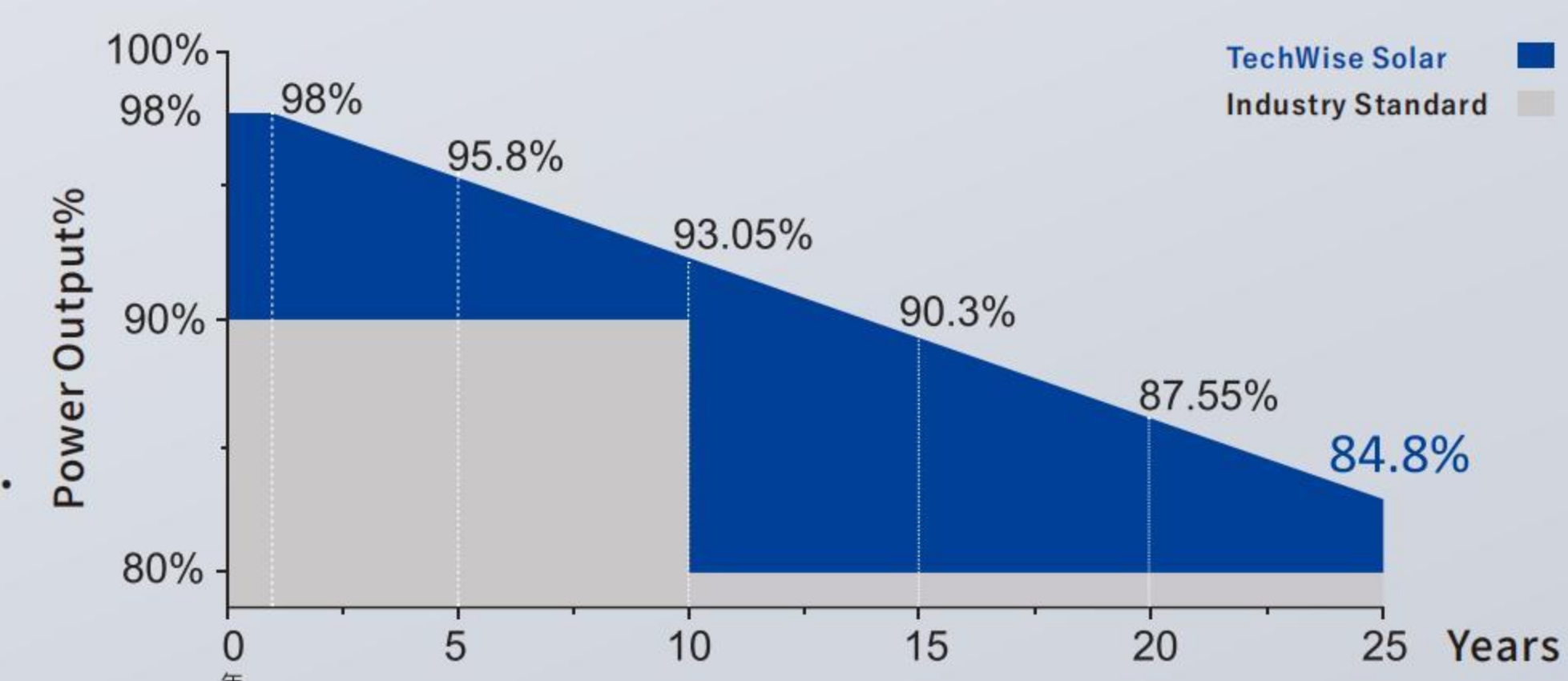
• Quality Certification



• Product Qualification



• Performance Warranty



12 12 Years Product Warranty

25 25 Years Linear Power Warranty

TW-670HT

• Product Specification •

Cell Type	Mono crystalline
Cell Quantity	132 cell
Cell Size (mm)	210*105
Module Size (mm)	2384*1303*35
Module Weight (kg)	32.9
Glass Thickness (mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4 compatible
Cable Length	+300mm/-300mm; or Customize
Max System Volt (V)	1500V DC
Max Fuse Rate (A)	30
Power Tolerance (%)	0+3%

• Electrical Characteristics •

STC standard performance >>>

Power Level	650	655	660	665	670
Pmax(W)	650	655	660	665	670
Vmp(V)	37.51	37.67	37.83	38.00	38.16
Imp(A)	17.33	17.39	17.45	17.50	17.56
Voc(V)	45.34	45.49	45.64	45.80	45.97
Isc(A)	18.38	18.44	18.50	18.55	18.61
Module Efficiency (%)	20.92	21.09	21.25	21.41	21.57

NOCT standard performance >>>

Power Level	650	655	660	665	670
Pmax(W)	492	495	499	503	507
Vmp(V)	34.70	34.79	34.95	35.13	35.29
Imp(A)	14.18	14.23	14.28	14.32	14.37
Voc(V)	42.17	42.31	42.45	42.60	42.76
Isc(A)	15.04	15.09	15.14	15.18	15.23

STC: Irradiance 1000W/m², Module Temperature 25°C, AM1.5

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

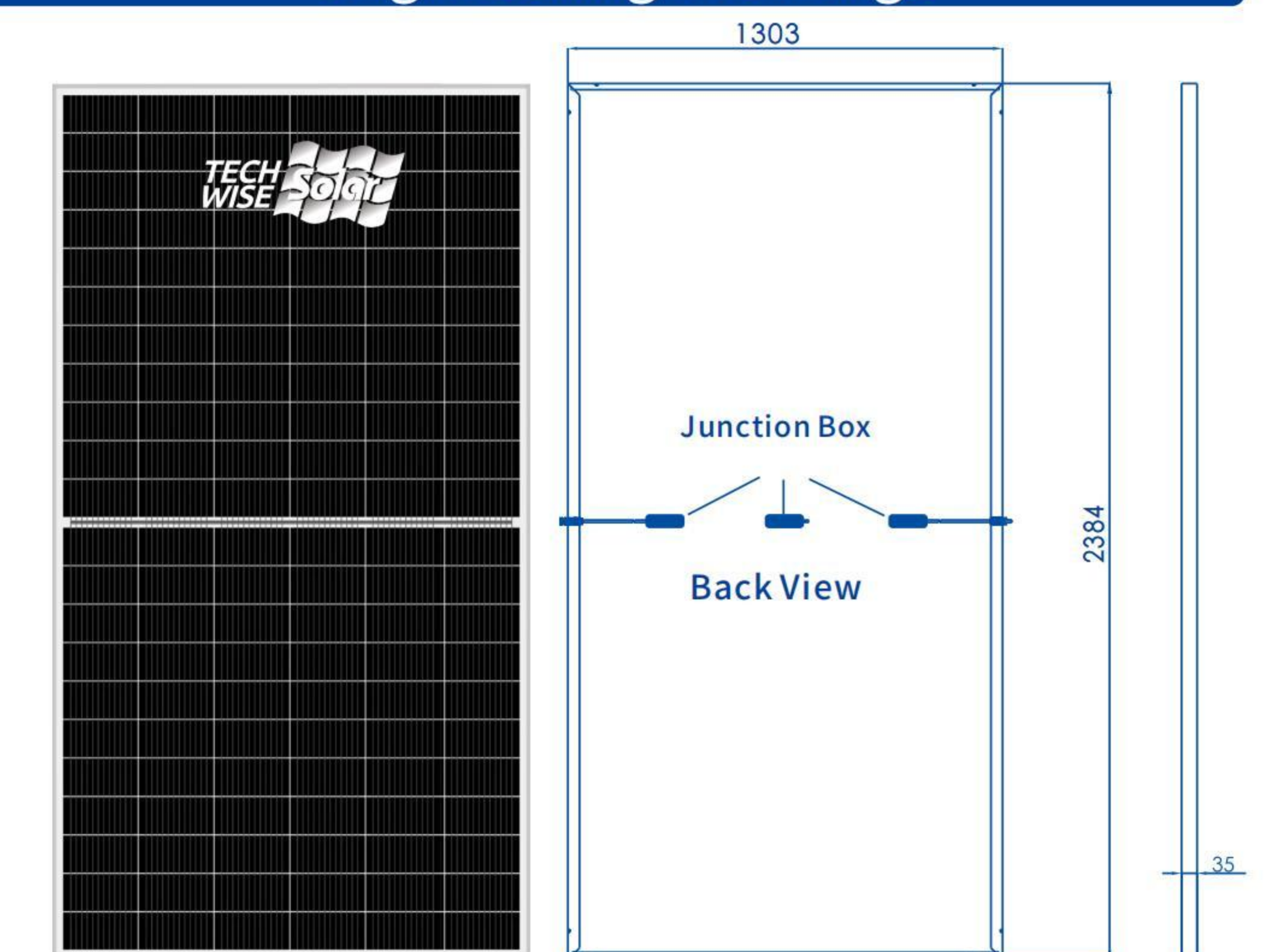
• Temperature Characteristics •

Operating Temp (°C)	-40~85
Operating Humidity (°C)	5~85
Hail Load Tolerance	25mm hailstone with velocity of 23m/s
Temp Coefficient	-0.340
Temp Coefficient Isc (%/°C)	0.04
Temp Coefficient Voc (%/°C)	-0.25
Operating Temp (°C)	44±2

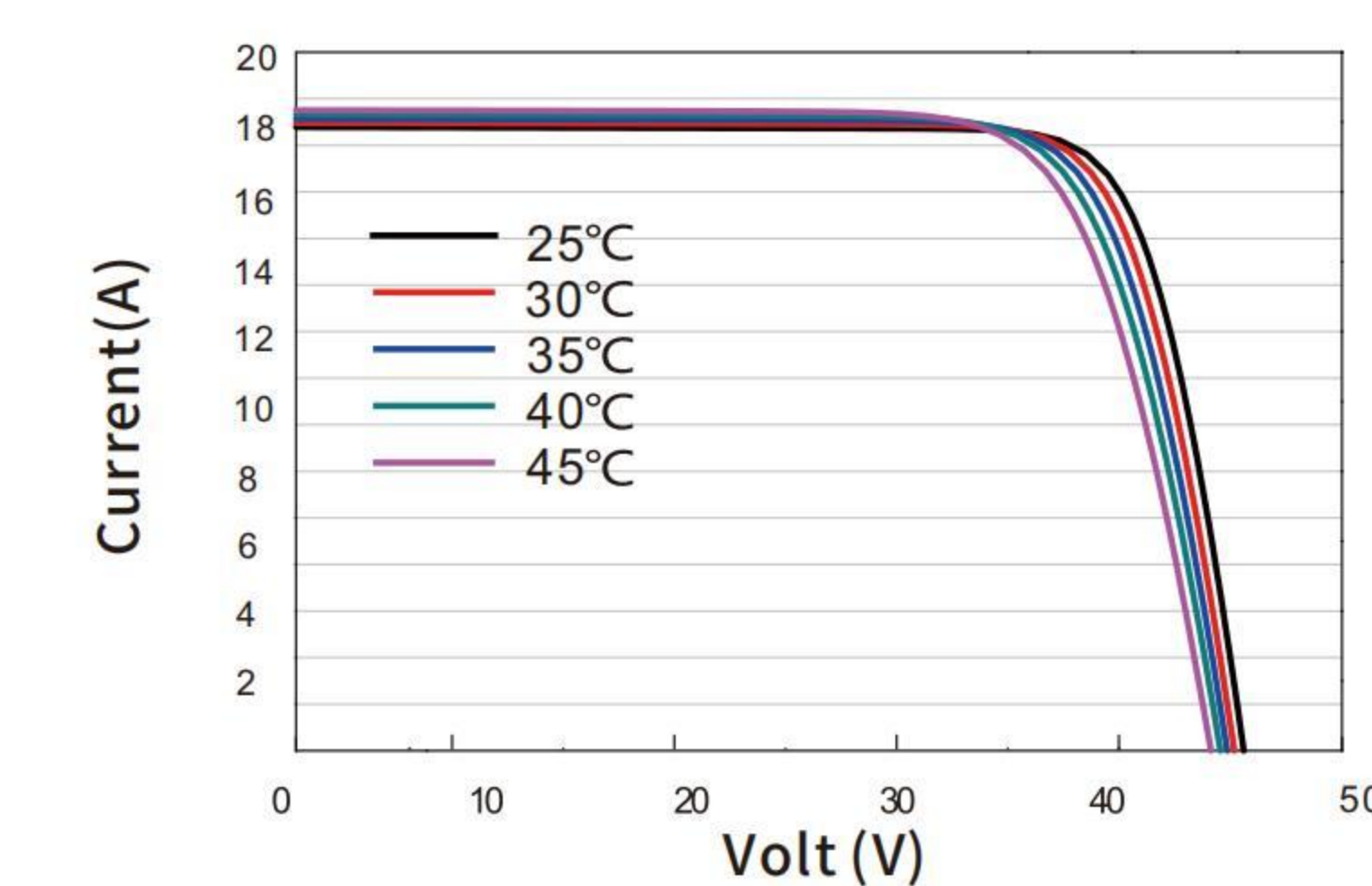
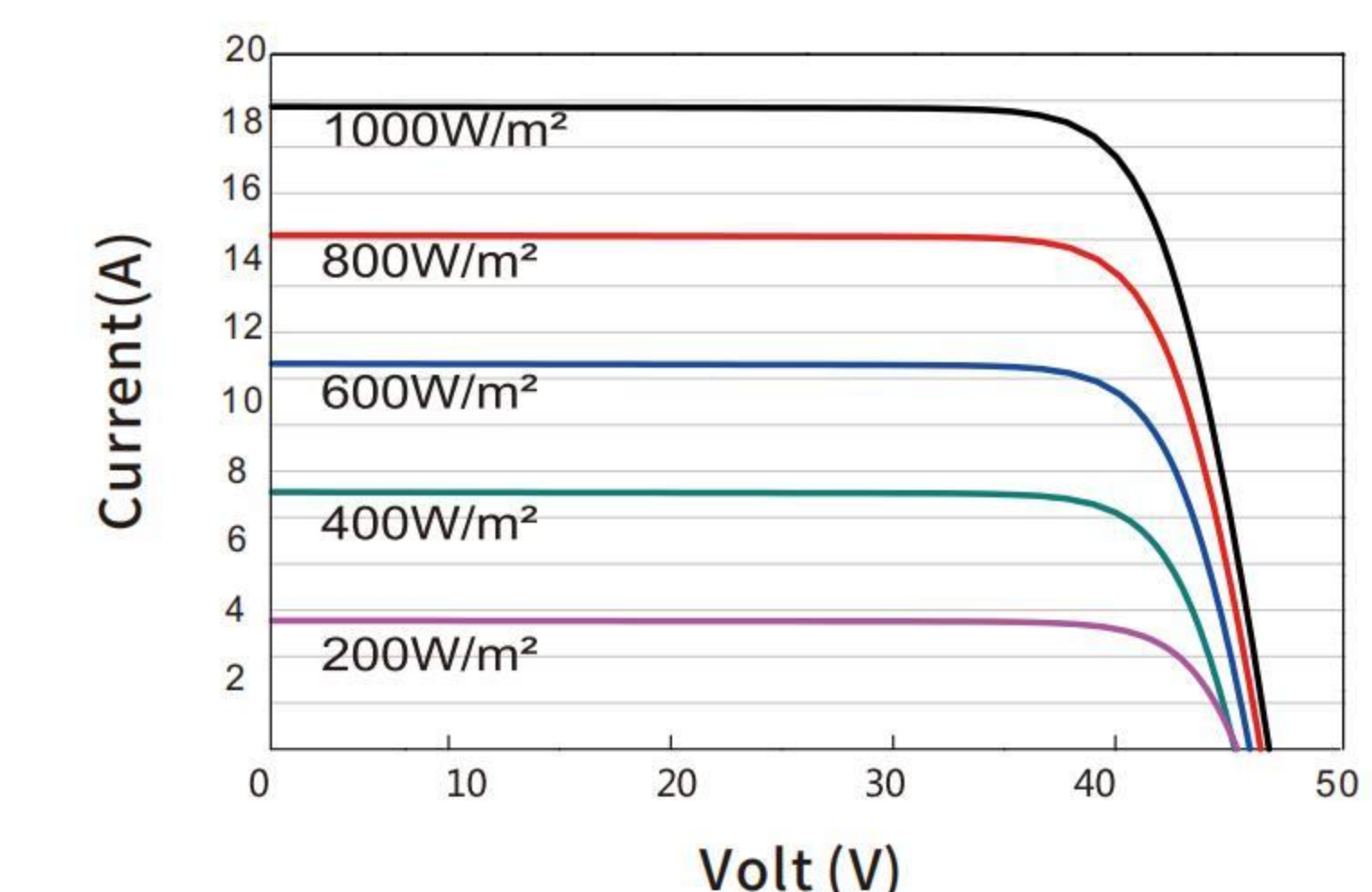


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• Engineering Drawings •



• I-V Curve •



• Packaging Info •

Pieces per Pallet	31
Size of Packaging (mm)	2510*1325*1120
Weight of per Pallet (kg)	1045
Pieces per Container	558
Size of Container	40'HC

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