

# Sun-Pursuit Series

Monocrystalline  
108 - cell Module

TW-400HT-1 FULL BLACK

**400 W**

0-3% Positive Tolerance



Monocrystalline



Half Cell



10BB



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.



### PID Resistant

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

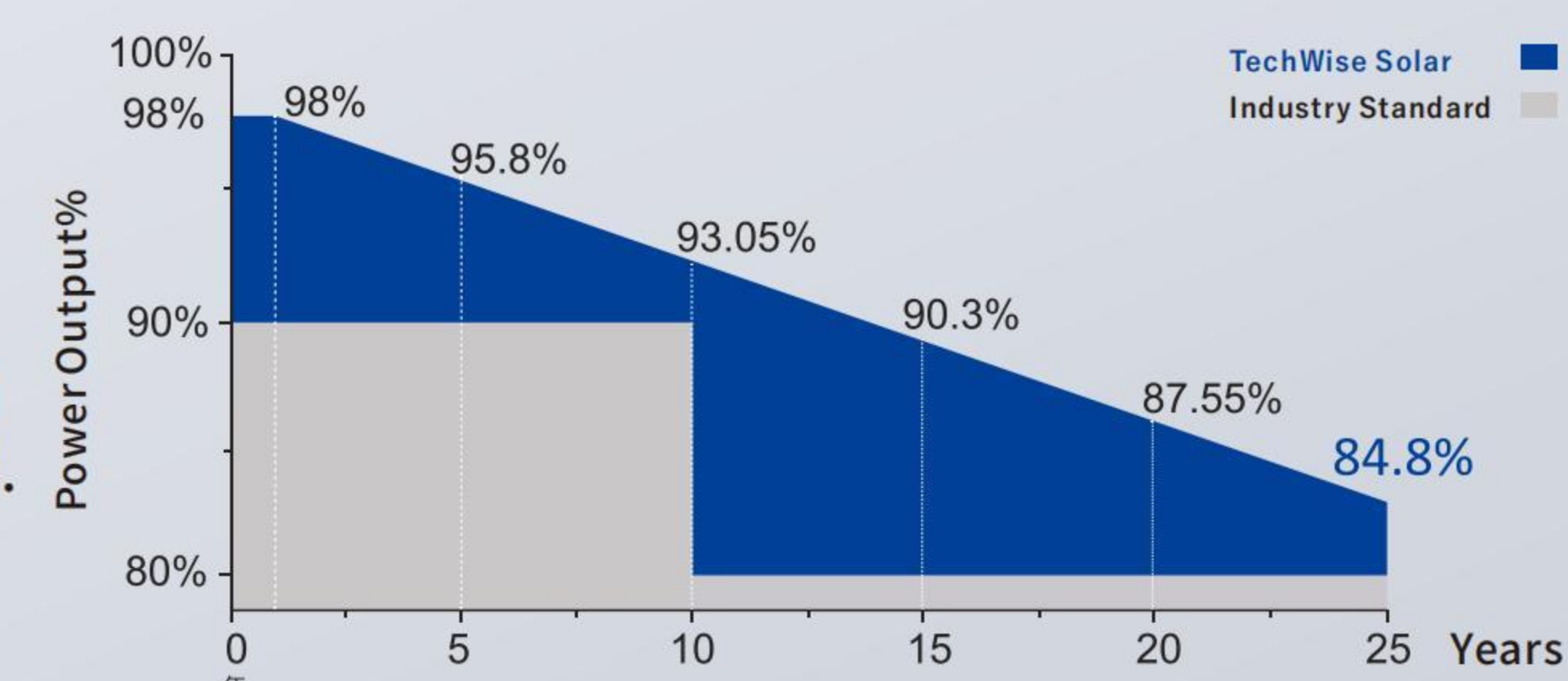
## • Quality Certification



## • Product Qualification



## • Performance Warranty



12 Years Product Warranty



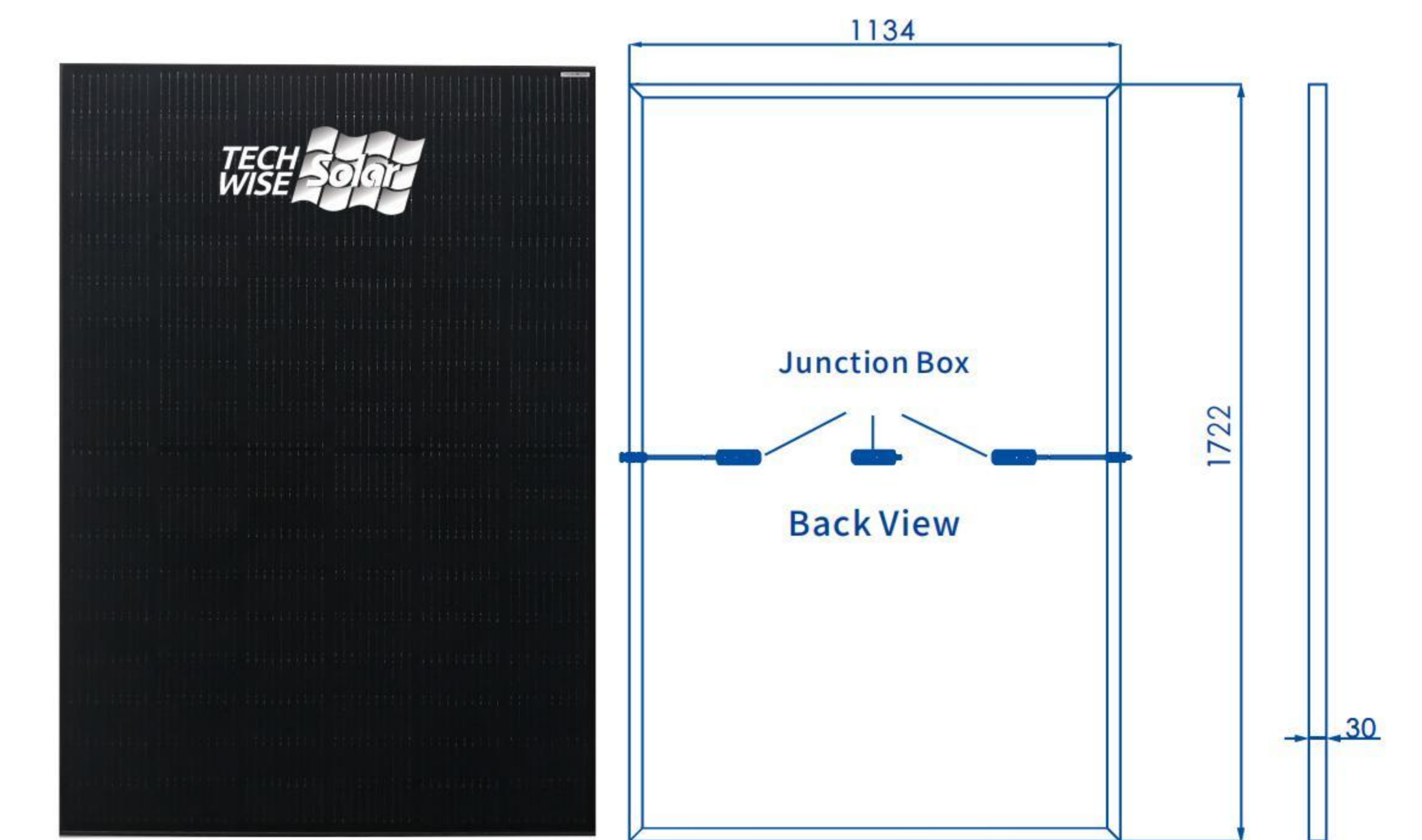
25 Years Linear Power Warranty

## TW-400HT-1

### • Module Specification •

Cell Type	Mono crystalline
Cell Quantity	108 cell
Cell Size (mm)	182*91
Module Size (mm)	1722*1134*30
Module Weight (kg)	21.4
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy(Black)
Junction Box	IP68
Cable/Connector	4mm <sup>2</sup> , MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1500V DC
Max Fuse Rate(A)	25
Power Tolerance	0~+3%

### • Engineering Drawings •



### • Electrical Characteristics •

#### STC standard performance >>>

Power Level	400
Pmax(W)	400
Vmp(V)	31.20
Imp(A)	12.83
Voc(V)	37.10
Isc(A)	13.73
Module Efficiency(%)	20.48

#### NOCT standard performance >>>

Power Level	400
Pmax(W)	303
Vmp(V)	28.96
Imp(A)	10.46
Voc(V)	34.58
Isc(A)	11.08

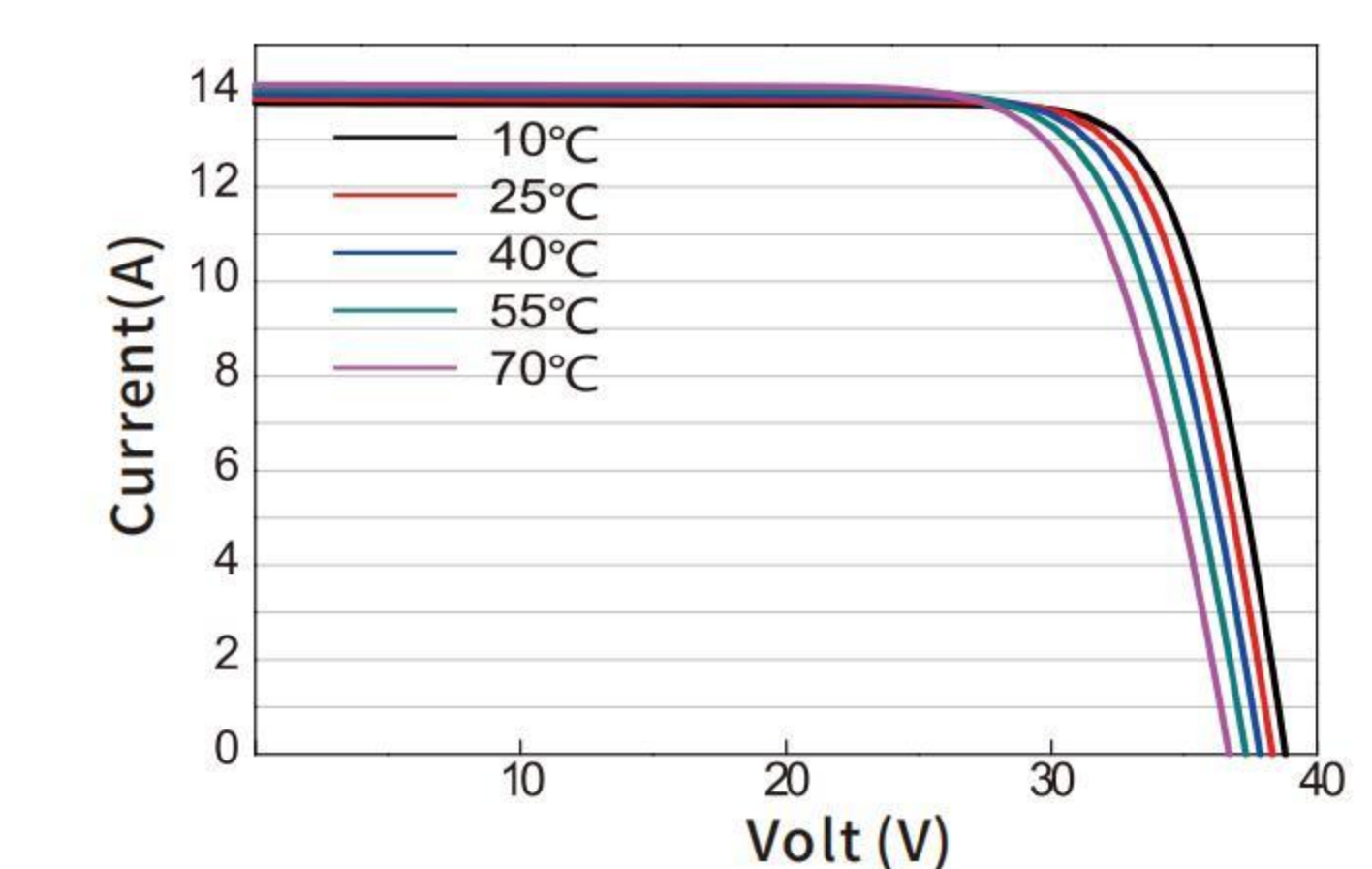
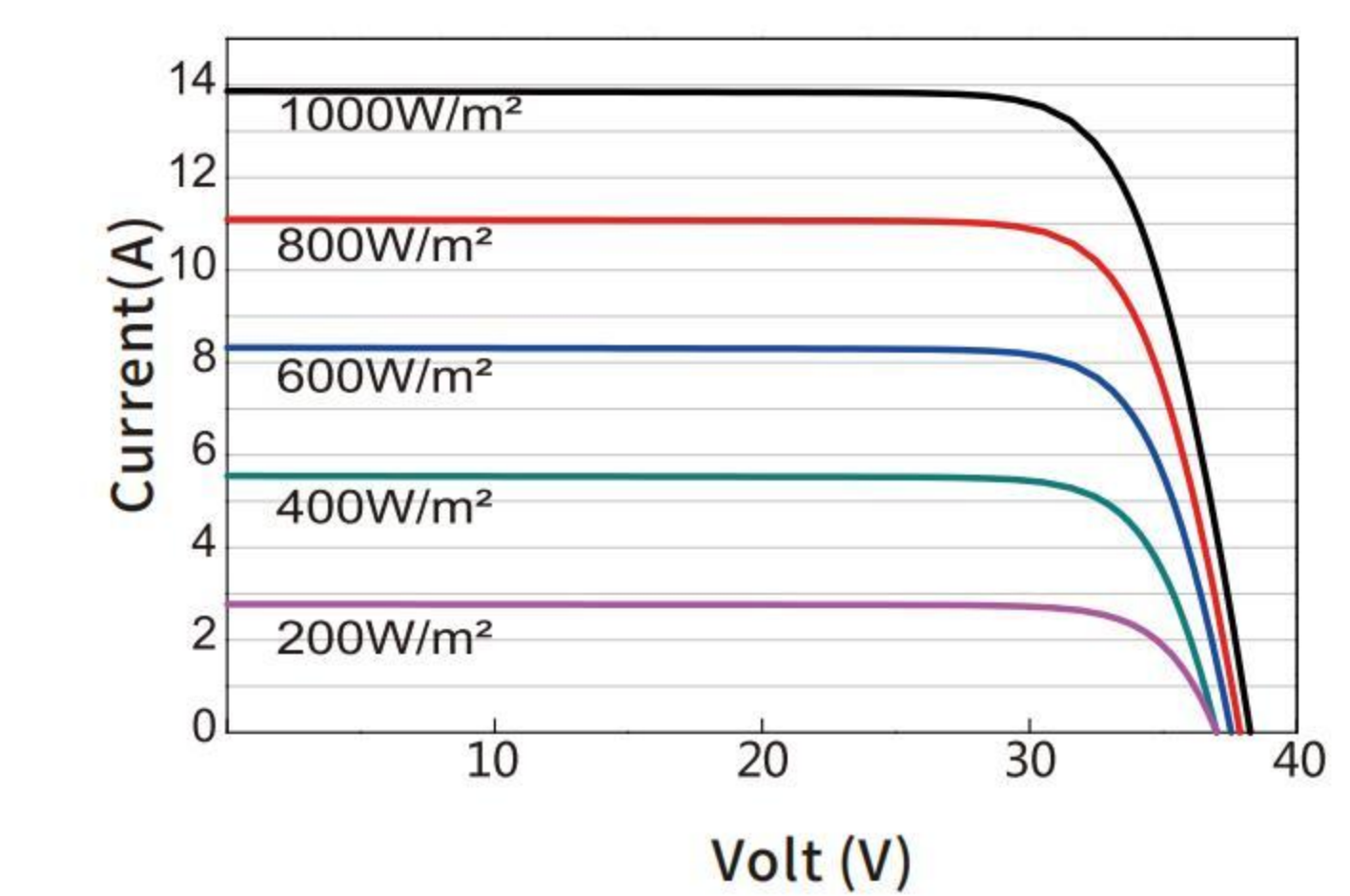
STC: Irradiance 1000W/m<sup>2</sup>, Module Temperature 25°C, AM1.5

NOCT: Irradiance 800W/m<sup>2</sup>, 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	-0.35
Temp Coefficient Isc (%/°C)	0.05
Temp Coefficient Voc (%/°C)	-0.275
Operating Temp (°C)	44±2

### • I-V Curve •



### • Packaging Info •

Pieces per Pallet	36
Size of Packaging(mm)	1750*1125*1270
Weight of per Pallet(kg)	795
Pieces per Container	936
Size of Container	40'HC



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