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Solar Panel Guide Specification Data Sheet

Anhui Uzon Photovoltaic Technology Co., Ltd.

UZ156P340-350-72-5BB

UZ156P345-72

Also available on the web at
[EnergyPal.com/anhui-uzon-photovoltaic-technology-co-ltd-solar-panels/uz156p345-](http://EnergyPal.com/anhui-uzon-photovoltaic-technology-co-ltd-solar-panels/uz156p345-72)

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340W~350W

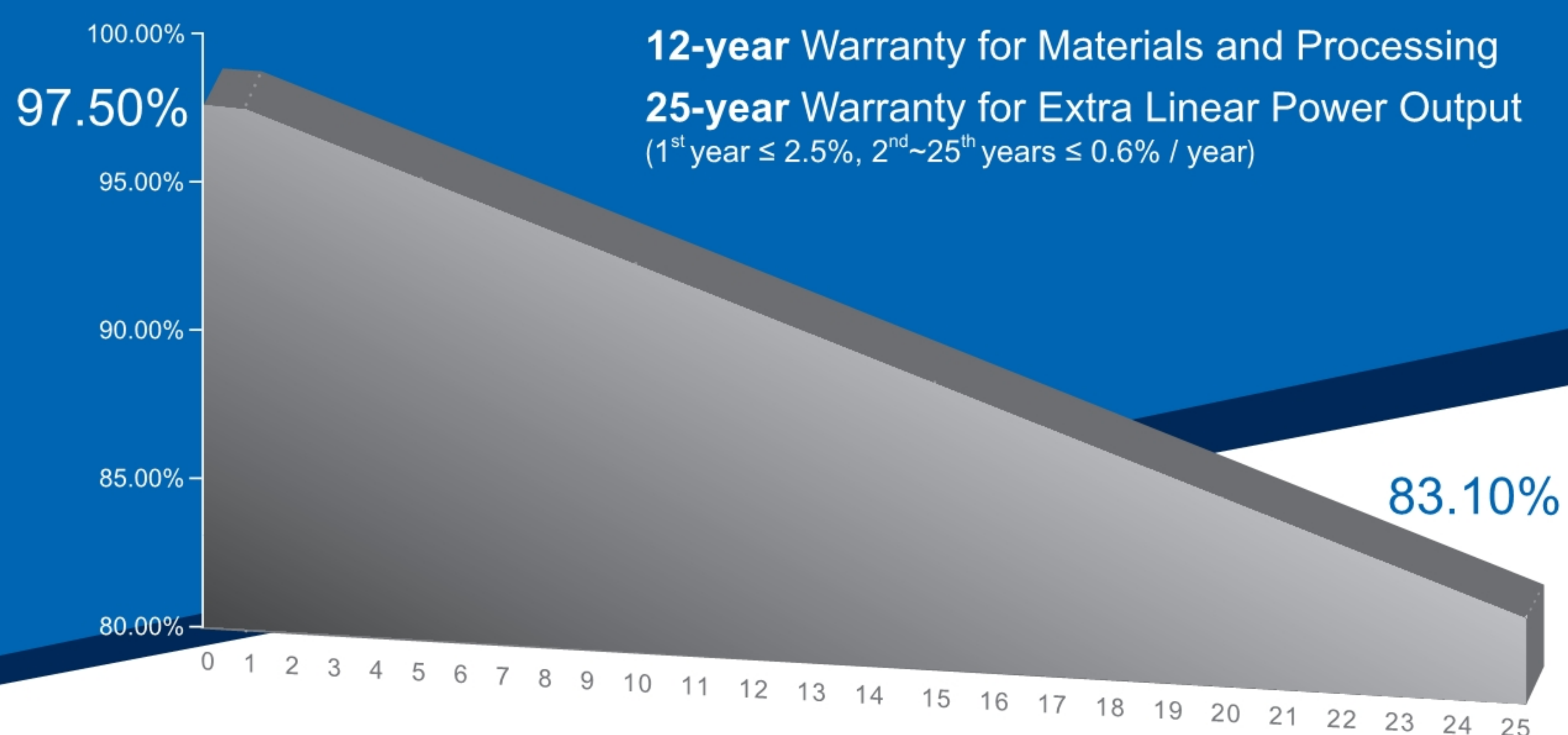
5BB-Polycrystalline PV Module

UZP350-72 Series (156.75)

UZP350-72/HV Series (156.75)

UZP350-72 max system voltage 1000V standard

UZP350-72/HV max system voltage 1500V standard



KEY FEATURES

- OUTPUT POSITIVE TOLERANCE**
 Guaranteed 0~+5W positive tolerance ensures power output reliability.
- INNOVATIVE PERC CELL TECHNOLOGY**
 Excellent cell efficiency and output.
- EXCELLENT STATIC MECHANICAL LOAD CAPABILITY**
 Certified to withstand: front load (5400 Pa) and back load (2400 Pa).
- HIGHER RELIABILITY AND DURABILITY**
 Effectively deals with harsh environments, such as sand, salt mist and ammonia resistance.
- PASSED HAIL TEST**
 Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity (v=30.7m/s).
- PID RESISTANCE**
 Excellent PID resistance at 96 hours (@85°C /85%) test, and also can be improved to meet higher standards for the particularly harsh environment.

COMPREHENSIVE CERTIFICATES



For Global Market

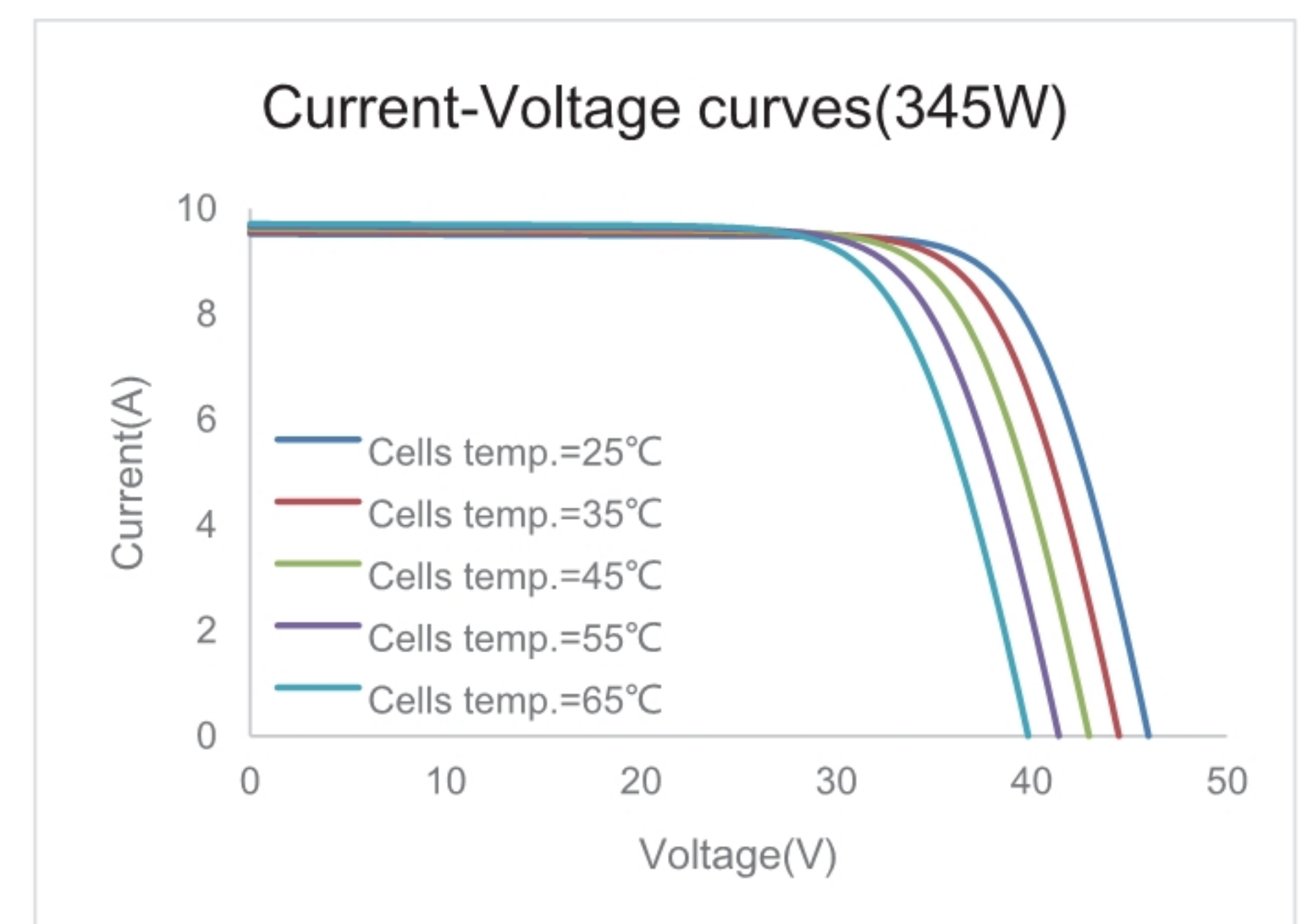
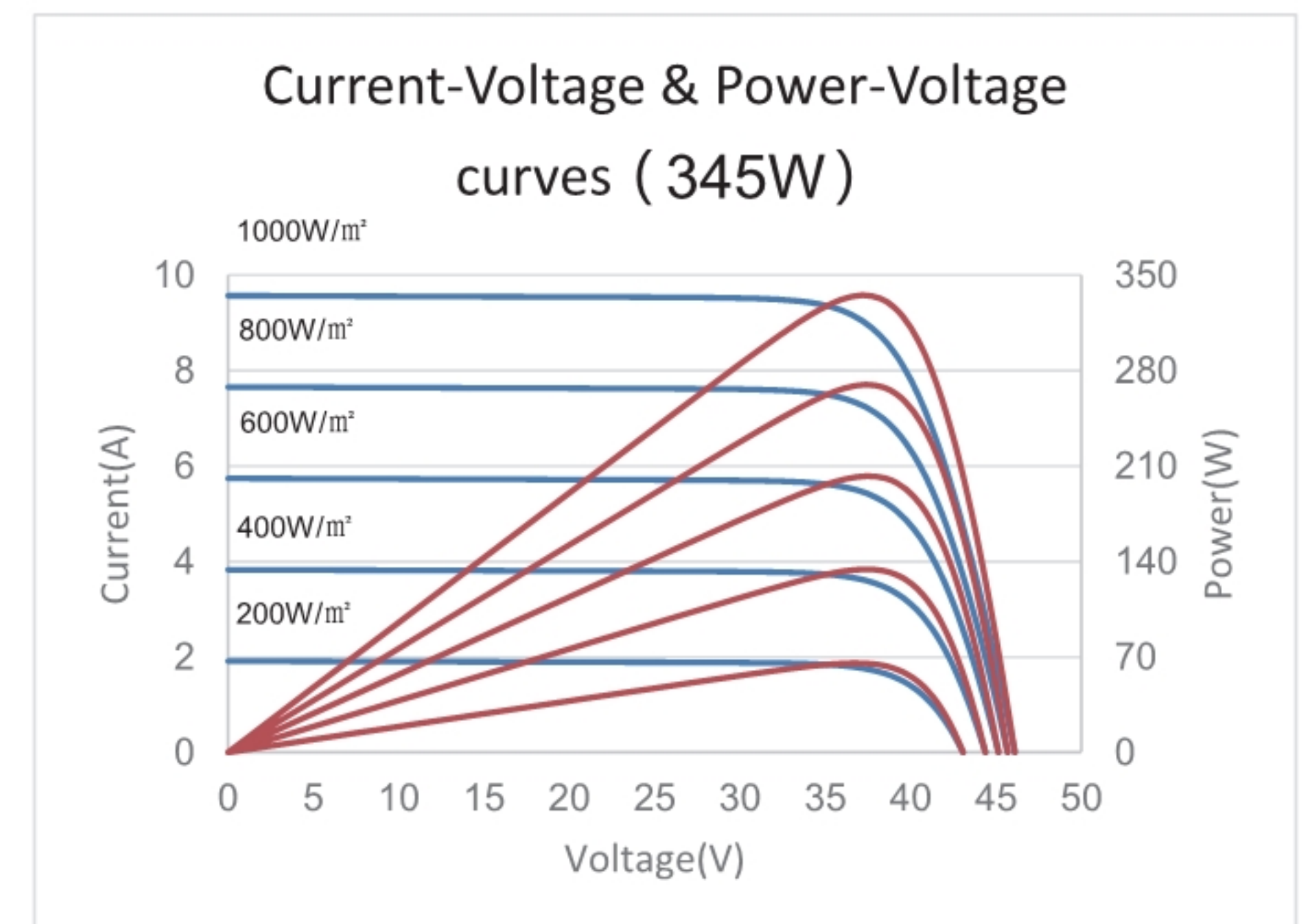
ELECTRICAL SPECIFICATIONS

STC rated output (P_{mpp})*	340 Wp	345 Wp	350 Wp
Rated voltage (V_{mpp}) at STC	37.33 V	37.38 V	37.48 V
Rated current (I_{mpp}) at STC	9.11 A	9.23 A	9.34 A
Open circuit voltage (V_{oc}) at STC	46.16 V	46.37 V	46.57 V
Short circuit current (I_{sc}) at STC	9.62 A	9.67 A	9.72 A
Module efficiency	17.5%	17.7%	18.0%
Rated output (P_{mpp}) at NMOT	237.4 Wp	240.9 Wp	244.4 Wp
Rated voltage (V_{mpp}) at NMOT	34.10 V	34.15 V	34.24 V
Rated current (I_{mpp}) at NMOT	6.96 A	7.05 A	7.14 A
Open circuit voltage (V_{oc}) at NMOT	42.36 V	42.55 V	42.73 V
Short circuit current (I_{sc}) at NMOT	7.44 A	7.48 A <td 7.52 A	
Temperature coefficient (P_{mpp})	- 0.408%/°C		
Temperature coefficient (I_{sc})	+0.050%/°C		
Temperature coefficient (V_{oc})	- 0.311%/°C		
Nominal module operating temperature (NMOT)	46±2°C		
Maximum system voltage (IEC/UL)	1000V _{DC} or 1500V _{DC}		
Number of diodes	3		
Junction box IP rating	IP 67		
Maximum series fuse rating	20 A		

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

NMOT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

CURVE



MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	1960 x 992 x 40 mm 77.17 x 39.06 x 1.57 in
Frame technology	Aluminum, silver anodized
Module composition	Glass / EVA / Backsheet (white)
Front glass thickness	3.2 mm / 0.13 in
① Cable length (IEC/UL)	1150 mm / 45.28 in
Cable diameter (IEC/UL)	4 mm ² / 12 AWG
② Maximum mechanical test load	5400 Pa (front) / 2400 Pa (back)
Fire performance (IEC/UL)	Class C (IEC) or Type 1 (UL)
Connector type (IEC/UL)	MC4 compatible

① Option: 900(+)/600(-) mm for defined projects in advance.

② Refer to Crystalline Silicon PV Module Installation Manual or contact technical department.
Maximum Mechanical Test Load=1.5×Maximum Mechanical Design Load.

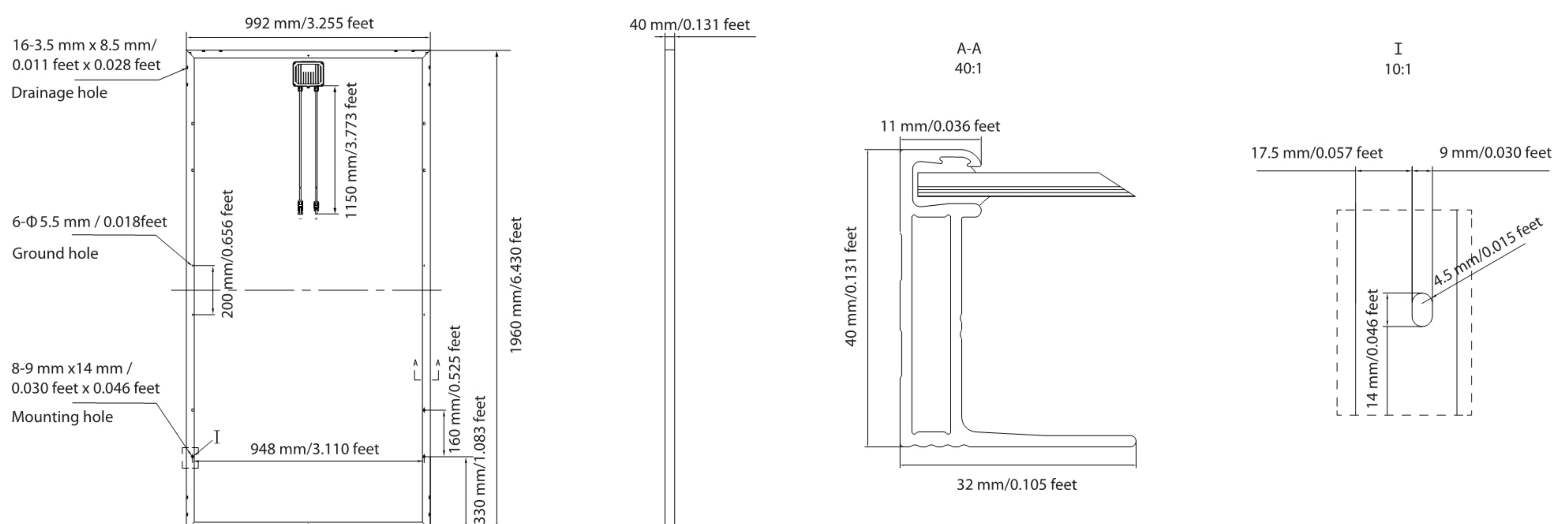
PACKING SPECIFICATIONS

① Weight (module only)	21.9 kg / 48.28 lbs
② Packing unit	27 pcs / box
Weight of packing unit (for 40'HQ container)	636 kg / 1402 lbs
Number of modules per 40'HQ container	648 pcs

① Tolerance +/- 1.0kg

② Subject to sales contract

MODULE DIMENSION DETAILS



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