

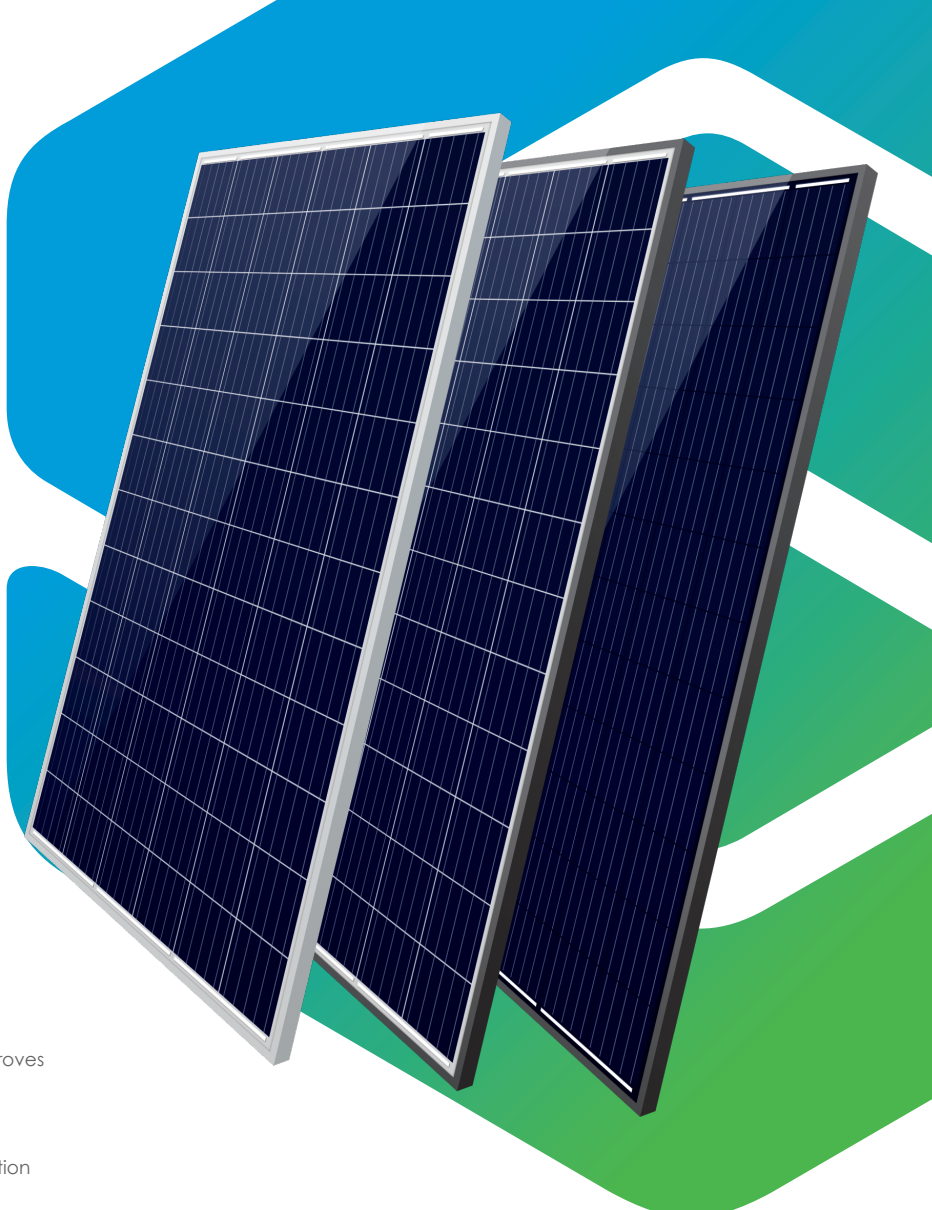


# 325W~345W

Polycrystalline PERC PV Module

UZ156P-72 Series 325~335W

UZ156P-PERC-72 Series 340~345W



## KEY FEATURES



### Innovative Solar Cells

Five busbar polycrystalline PERC cell technology improves module efficiency



### PID Free

Reinforced cell prevents potential induced degradation



### Low-Light Performance

Advanced glass technology improves light absorption and retention



### Excellent Mechanical Load Capability

Certified to withstand: snow load (6000Pa) and wind (3600Pa)



### Weather Resistance

Certified for salt mist and ammonia resistance

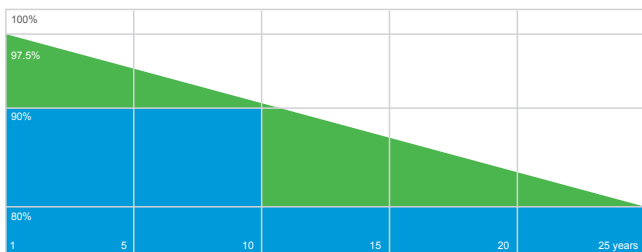


### Maximum System Voltage

Up to IEC1500V system voltage, saving on BoS costs

## LINEAR PERFORMANCE WARRANTY

• 12-year Workmanship Warranty • 25-year Linear Performance Warranty



■ UZON Linear Power Warranty ■ Industry Warranty

## MANAGEMENT SYSTEM

- ISO9001:2008 Quality Standards
- ISO14001:2004 Environmental Standards
- OHSAS18001 Occupational Health & Safety Standards

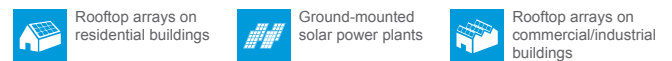
## INSURANCE



## PRODUCT CERTIFICATES



## THE IDEAL SOLUTION FOR:



Anhui Uzon Photovoltaic Technology Co., Ltd

www.uzon.com.cn

## ELECTRICAL SPECIFICATIONS

Module Type	UZ156P 325-72		UZ156P 330-72		UZ156P 335-72		UZ156P 340-72		UZ156P 345-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated output (Pmpp/Wp)	325	226.8	330	230.3	335	233.8	340	237.3	345	240.8
Rated voltage (Vmpp/V)	37.77	34.65	38.00	34.86	38.30	35.14	38.55	35.37	38.80	35.60
Rated current (Impp/A)	8.61	6.54	8.69	6.60	8.74	6.65	8.82	6.70	8.90	6.76
Open circuit voltage (Voc/V)	46.51	42.45	46.94	42.85	47.35	43.23	47.76	43.60	48.17	43.97
Short circuit current (Isc/A)	9.20	7.02	9.23	7.05	9.26	7.07	9.29	7.09	9.32	7.12
Module efficiency(%)	16.80%		17.10%		17.30%		17.60%		17.80%	

Standard Test Conditions (STC): irradiance 1,000 W/m<sup>2</sup>; AM 1.5; module temperature 25°C. Tolerance of Pmpp: 0~+3%. Measuring uncertainty of power: ±3%. Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

Normal Operating Cell Temperature (NOCT): irradiance 800W/m<sup>2</sup>; wind speed 1 m/s; cell temperature 45°C; ambient temperature 20°C. Measuring uncertainty of power: ±3%. Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

## TEMPERATURE CHARACTERISTICS

Temperature coefficient (Pmpp)	-0.422%/°C
Temperature coefficient (Isc)	+0.0412%/°C
Temperature coefficient (Voc)	-0.321%/°C
Operating Temperature	-40~+85 °C
NOCT Temperature	45±2 °C

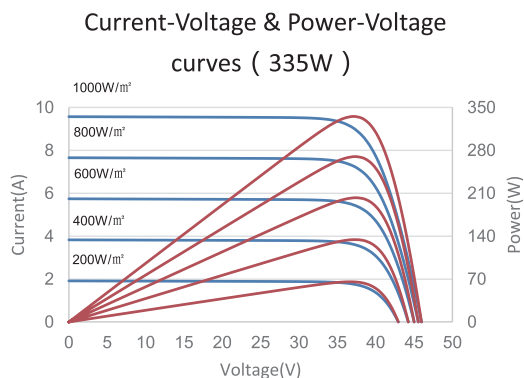
## MECHANICAL SPECIFICATIONS

Cell Type	Poly crystalline 156.75 x 156.75 mm (72pcs)
Outer dimensions (L x W x H)	1954 x 990 x 40 mm
Weight	21.8Kg
Frame	Anodized aluminium alloy (silver or black)
Module composition	Glass / EVA / Backsheet (white or black)
Front glass	3.2 mm AR coating tempered glass, low iron
Cable	Dimameter 4 mm <sup>2</sup> , Length 1200mm
Fire performance	Class C (IEC) or Type 1 (UL)
Connector type	MC4 compatible
Junction Box	IP67
Maximum mechanical test load	6000 Pa

## PACKING CONFIGURATIONS

Per Pallet	27 Pcs
Per 20' GP Container	270 Pcs
Per 40' GP Container	648 Pcs
Per 40' HQ Container	696 Pcs

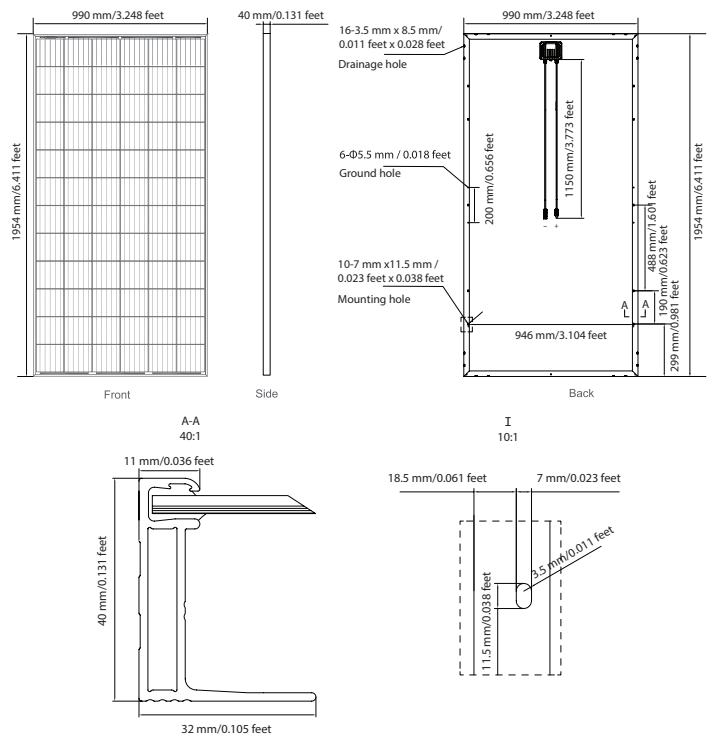
## CURVE & TEMPERATURE DEPENDENCE



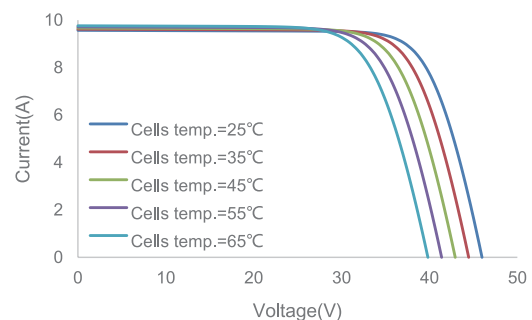
## MAXIMUM RATINGS

Maximum system voltage (IEC/UL)	1000VDC or 1500VDC
Maximum series fuse rating	15A

## ENGINEERING DRAWINGS



## Current-Voltage curves(335W)



## ANHUI UZON PHOTOVOLTAIC TECHNOLOGY CO., LTD

Address: No. 1505, Tianjin Road, Undertake Industrail Transfer Demonstration Zone ( Dangtu), Ma'anshan City, Anhui Province, P.R. China  
 Tel: +86-555-6681012  
 Email: info@uzon.co Website: www.uzon.com.cn



Together Beyond Dreams !