

AS SOLAR

ASxxxM-72

72 CELL

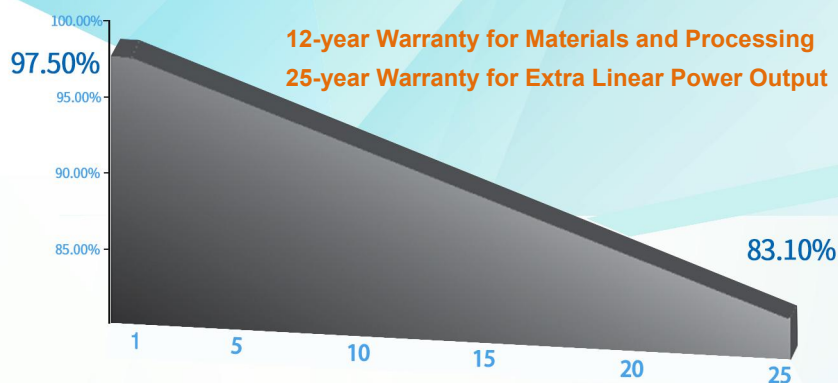
POLYCRYSTALLINE MODULE

330W~355W

POWER OUTPUT RANGE

100% A Grade Solar

OME/ODM Available



KEY FEATURES



OUTPUT POSITIVE TOLERANCE

Guaranteed 0~+5W positive tolerance ensures power output reliability.



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.



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).



EXCELLENT LOW-LIGHT PERFORMANCE

With the deep textured ARC glass and cell surface texturing process, achieve the excellent performance at the haze, cloudy days and other low light conditions.

COMPREHENSIVE



First solar company which passed the TUV Nord IEC/TS 62941 certification audit.

Electrical Specification (STC*)

Maximum Power-Pmax(W) :	330W	335W	340W	345W	350W	355W
Maximum Power Voltage-Vmp (V) :	37.80	38.00	38.20	38.48	38.66	38.87
Maximum Power Current-Imp (A) :	8.73	8.82	8.90	8.97	9.05	9.13
Open Circuit Voltage -Voc(V);	46.26	46.50	64.75	47.00	47.24	47.49
Short Circuit Current-Isc(A):	9.31	9.40	9.48	9.56	9.64	9.73
Module Efficiency-nm(%):	16.67	16.92	17.17	17.42	17.68	17.93
Power Output Tolerance (W):	0-+5W					

STC:Irradiance: 1000w/m² ,Module Tempreature:25° C.Air Mass:1.5

Electrical Specification (NOCT*)

Maximum Power-Pmax(W) :	245.00W	248.80W	252.76W	256.75W	260.83W	264.17W
Maximum Power Voltage-Vmp (V) :	34.90	35.10	35.33	35.46	35.57	35.82
Maximum Power Current-Imp (A) :	7.02	7.09	7.15	7.24	7.33	7.37
Open Circuit Voltage -Voc(V);	42.90	43.15	43.43	43.56	43.72	44.03
Short Circuit Current-Isc(A):	7.53	7.60	7.66	7.76	7.86	7.91

NOCT:Irradiance:800W/m², Ambient Tempreature:20° C,Air Mass:1.5,Wind Speed:1m/s

Mechanical Specifications:

Solar Cell Type:	Poly-crystalline 158.75×158.75mm
Number of Cells:	72pcs (12×6)
Module Size	1980*1000*40mm
Weight:	23.5kg
Glass:	High transparency self-cleaning solar glass 3.2mm
Back Sheet:	White TPT
Frame:	Silver Anodized Aluminium Alloy
Junction Box:	IP67
Number of Diofes:	3pcs
Cable:	4.0mm² 1200mm
Connector:	MC4 Compatible
Wind/Snow Load	2400pa/5400pa

Temperature Coefficient :

Nominal Operating Cell Temp (NOCT):	45±2℃
Temperature Coefficient of ISC :	0.050%/℃
Temperature Coefficient of VOC:	-0.309%/℃
Temperature Coefficient of Pmax:	-0.39%/℃

Maximum Ratings:

Operational Temperature::	-40~85℃
Maximum System Voltage:	1500v
Maximum Series Fuse Rating:	20A

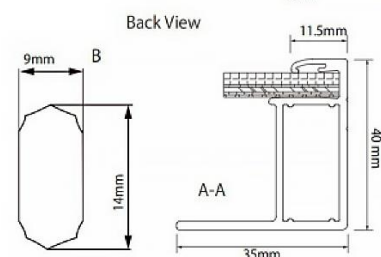
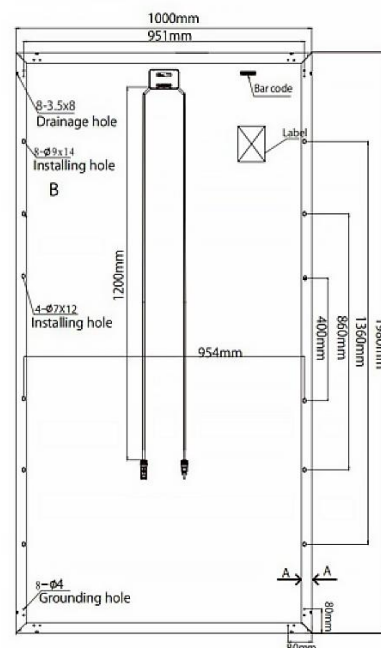
Optional:

Junction box:	Smart junction box available
Connector:	MC4 Original
Backsheet:	Black/Transparent TPT
Frame:	Black Anodized Aluminium Alloy

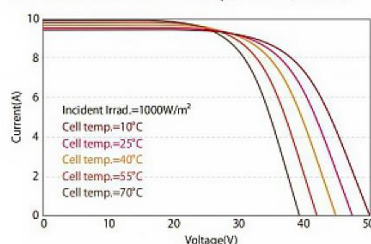
Packaging Information:

Number per Box::	26PCS
Number per 20GP:	260PCS
Number per 40GP:	572PCS
Number per 40HC:	638PCS

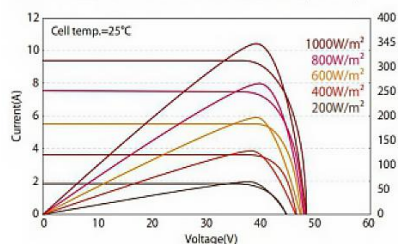
Engineering Drawings



U-I Curve at Different Temperature(355W)

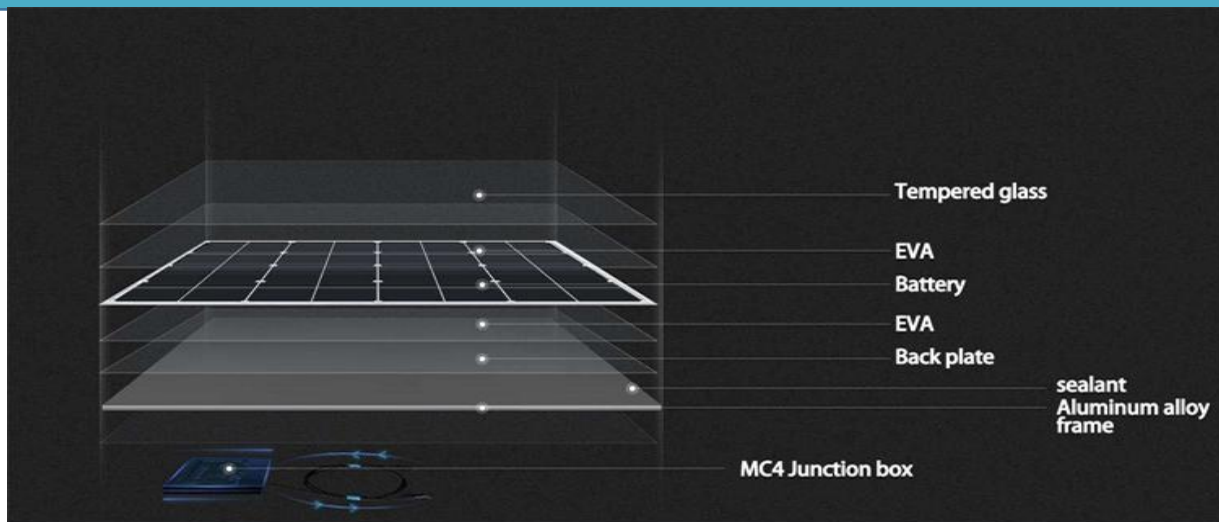


U-I/P-U Curve at Different Irradiation(355W)



CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

PRODUCT Details



Pure aluminum frame

Adopting anodic aluminium oxide on aluminum alloy surface to ensure the non-aging feature, high mechanical strength and convenient installation of the frame

Toughened Glass

Low iron ultra clear tempered glass with 95% transmittance can resist the hail effectively , The protection grade reaches IP 67.



A-Grade Solar Cell

A Grade PERC Mono Solar cell , efficiency is as high as 24.5% above, encapsulation process adopts fully automatic welding technology

Junction Box

The protection grade reaches IP 67 , Innovative Full-Glue-Filled Packaging technology adopts automatic welding technique .



PRODUCTION TECHNOLOGY



Cells screening



Automatic single welding



Automatic Robot layout



Automatic layout welding



Full automatic layout



Lamination



Solidification and cleaning

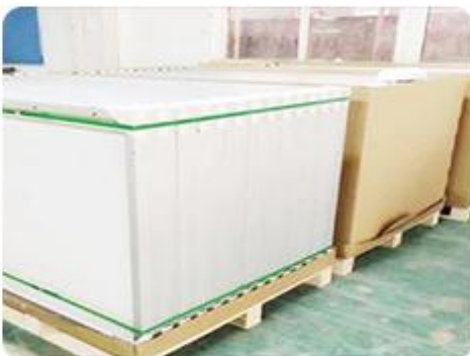


Complete EL test



Packaging

PACKAGE&DELIVERY



PRODUCT CASE



PRODUCT CASE





Dedication, pioneering, innovative service, looking into the future.

Anhui Shangxia Solar Energy Co., Ltd.



Tel:+86 18755591383



Email:sale01@ahsx-solar.com



www.ahsx-solar.com



No.1669-4, Huoli Shan North Road, Cihu Gaoxin District, Maanshan City,
Anhui,30094P.R.China