

AZB products range covers all from off-grid panels to on grid panels, both mono-crystalline and poly-crystalline, suitable for all types of installation from residential to commercial projects.



New 4 Busbar cell technology
Increasing the efficiency and output, and reducing the resistance and hot-spot risks.



Positive power output (0~+5W)



Outstanding mechanical load resistance
Snow load 5400Pa (Frontside), and Wind load 3800Pa (Backside)



High performance under low light conditions
Cloudy days, Rainy days



Anti-PID (potential induced degradation) Test
Passed anti-PID test under Damp Heat 85°C and 85% RH 96Hours



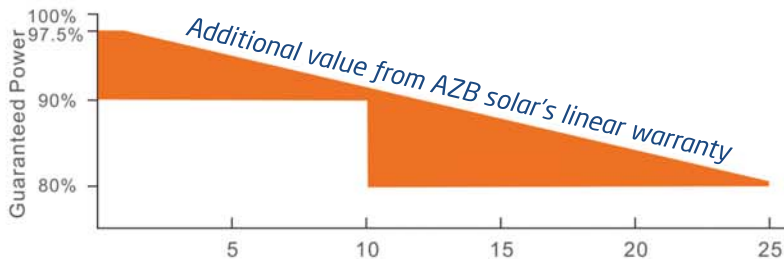
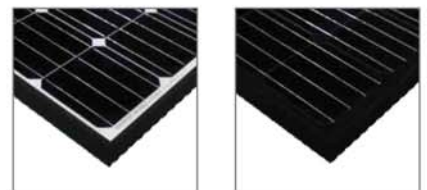
Durability against extreme environmental conditions
Salt mist corrosion test, Ammonia corrosion test, Fire Test, certified by TÜV SÜD



Double EL test before and after lamination
Highly control the micro cracks and invisible defects.



World famous insurance against our warranty
CHUBB Insurance from USA, Solar Insurance & Finance from Netherlands



10-year workmanship warranty
25-year linear performance warranty





ELECTRICAL PERFORMANCE

Electrical Parameters Standard Test Conditions

Module Type			UL-320M-72	UL-325M-72	UL-330M-72
Power Output	P _{max}	W	320	325	330
Power Tolerance	ΔP _{max}	%		0/+5W	
Module Efficiency	η _m	%	16.52	16.78	17.03
Voltage at P _{max}	V _m	V	37.2	37.3	37.4
Current at P _{max}	I _m	A	8.61	8.72	8.83
Open-Circuit Voltage	V _{oc}	V	45.8	45.9	46.0
Short-Circuit Current	I _{sc}	A	9.05	9.16	9.27

STC: 1000w/m² irradiance, 25°C module temperature, AM1.5 spectrum.

THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT	°C	45±2
Temperature Coefficient of P _{max}	γ	%/°C	-0.413
Temperature Coefficient of V _{oc}	β _{voc}	%/°C	-0.330
Temperature Coefficient of I _{sc}	α _{isc}	%/°C	+0.049

OPERATING CONDITIONS

Max. System Voltage	1000V
Max. Series Fuse Rating	15A
Operating Temperature Range	-40°C~85°C
Max. Static Load, Front (e.g., snow and wind)	5400Pa
Max. Static Load, Back (e.g., wind)	3800Pa
Application Class	A

CONSTRUCTION MATERIALS

Front Cover (material/type/thickness)	low-iron tempered glass/3.2mm
Cell (quantity/material/type/dimension)	72/monocrystalline/156x156mm
Encapsulant (material)	ethylene vinyl acetate(EVA)
Frame (material/anodization color)	anodized aluminum alloy/silver or black
Junction Box (protection degree)	IP67
Cable (length/cross-sectional area)	1100mm/4mm ²
Plug Connector	MC4 compatible

GENERAL CHARACTERISTICS

Dimension (L/W/H)	1953/992/46mm
Weight	22.5kg

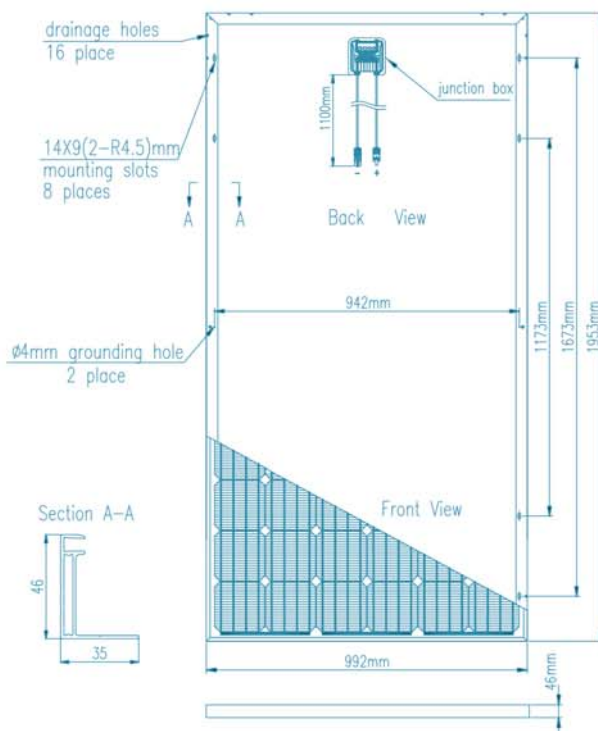
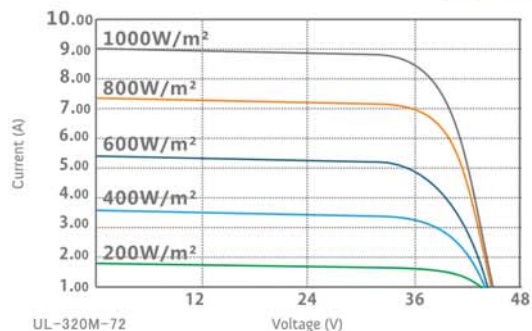
PACKING CONFIGURATION

Pallet Size (L/W/H)	2030/1120/2350mm
Pallet Weight	1060kg
Pieces per Pallet	44pcs
Pieces per Container	484pcs

INTERNATIONAL CERTIFICATES

- IEC61215, IEC61730/TÜV, UL, CE, CEC, JET, MCS, CE, CQC, IMETRO, NRE
- ISO9001:2008
- ISO140001:2004
- BS OHSAS 18001:2007

I-V CURVE



Please read the instruction manual in this entirety before handing, installing, and operating.

Our partner:

Due to continuous Innovation, research and improvement, the specification is subject to change without prior notice.