

Established by Shanshan Group, one of Top 500 Enterprises in China, Ulica Solar produces high efficient cells and modules with enhanced quality. The experience, knowledge and technical expertise gained during the years, allow Ulica Solar to offer a wide range of mono and poly modules, suitable for any type of installation, from residential roof project to commercial plant and solar park.



Module can bear snow loads up to 5400Pa and wind loads up to 3800Pa



Guaranteed power output(0~+3%)



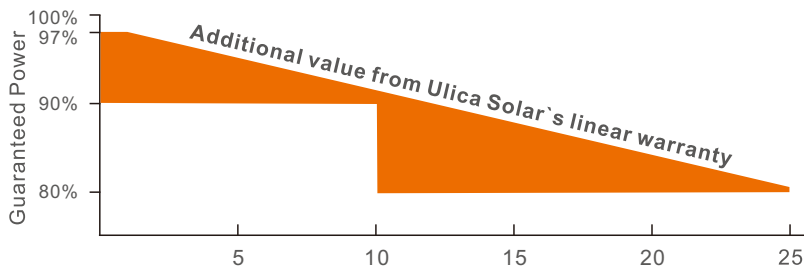
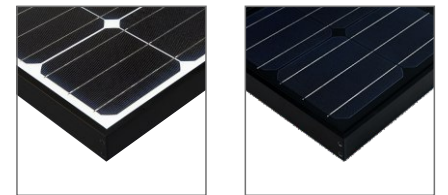
High performance under low light conditions (Cloudy days, mornings and evenings)



Black frame and black sheet are optional with aesthetic module appearance



Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test



10-year product warranty
25-year linear power warranty



ELECTRICAL PERFORMANCE

Electrical Parameters Standard Test Conditions

Module Type			UL-310M-72	UL-315M-72	UL-320M-72
Power Output	P _{max}	W	310	315	320
Power Tolerance	ΔP _{max}	%		0/+5W	
Module Efficiency	η _m	%	16.00	16.26	16.52
Voltage at P _{max}	V _m	V	37.0	37.1	37.2
Current at P _{max}	I _m	A	8.39	8.50	8.61
Open-Circuit Voltage	V _{oc}	V	45.6	45.7	45.8
Short-Circuit Current	I _{sc}	A	8.92	8.98	9.05

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	+0.065

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

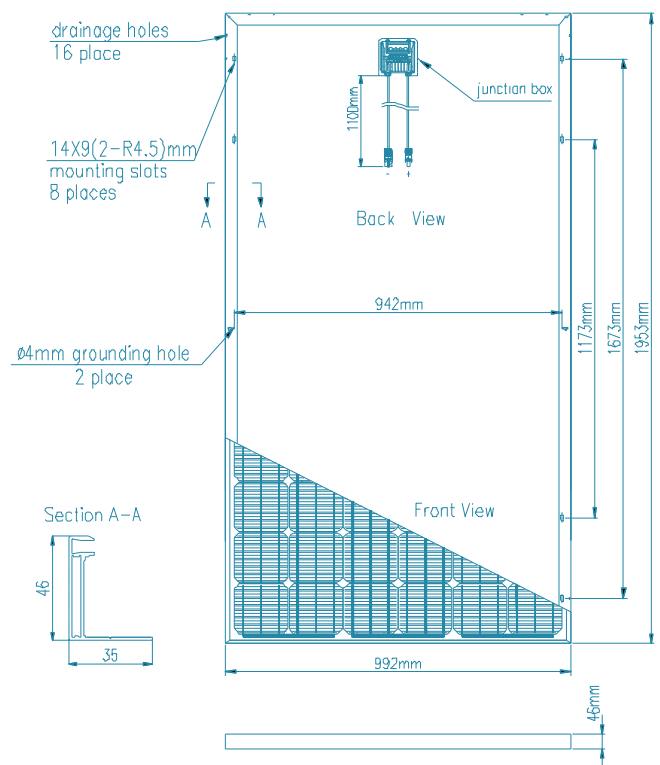
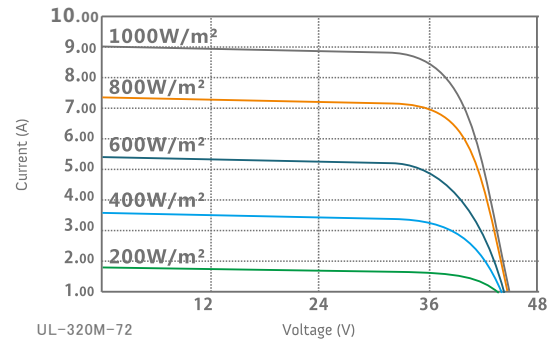
PACKING CONFIGURATION

Pallet Size (L/W/H)	2045/1120/2300mm
Pallet Weight	1070kg
Pieces per Pallet	44pcs
Pieces per Container	484pcs

INTERNATIONAL CERTIFICATES

- IEC61215, IEC61730/TÜV, UL, CE, CEC, JET, MCS, CE, CQC, PV CYCLE
- ISO9001:2008
- ISO14001:2004
- BS OHSAS 18001:2007

I-V CURVE



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

Our partner:

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