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Solar Panel Guide Specification Data Sheet

Ningbo Ulica Solar Science & Technology Co., Ltd.

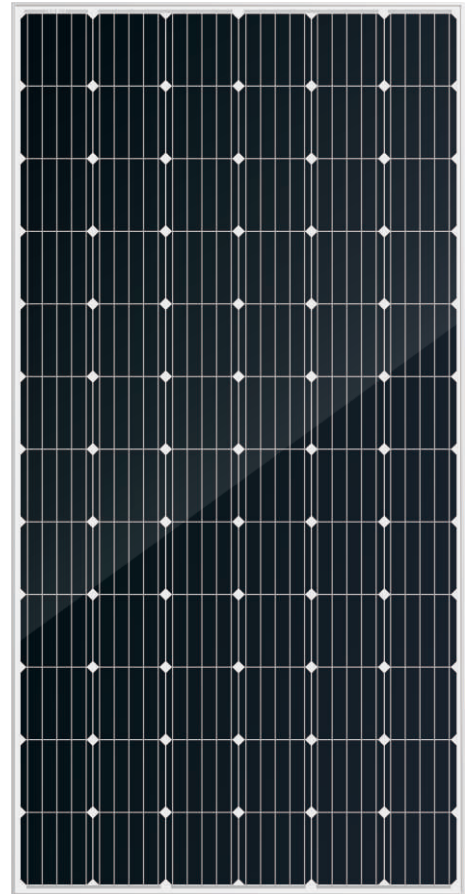
UL-360-375M-72

UL-375M-72

Also available on the web at
[EnergyPal.com/ningbo-ulica-solar-science-technology-co-ltd-solar-panels/ul-375m-](http://EnergyPal.com/ningbo-ulica-solar-science-technology-co-ltd-solar-panels/ul-375m-72)

Under Shanshan Group, Top500 Enterprise in China, Ulica Solar produces our own high quality solar cells and modules starting from August 2005. Our product 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.

MONO 72CELL PERC



Higher Conversion Efficiency
With new generation of PERC technology, the average conversion efficiency of the cells could reach 21.2%



Outstanding mechanical load resistance
2400 Pa wind load, 5400 Pa snow load



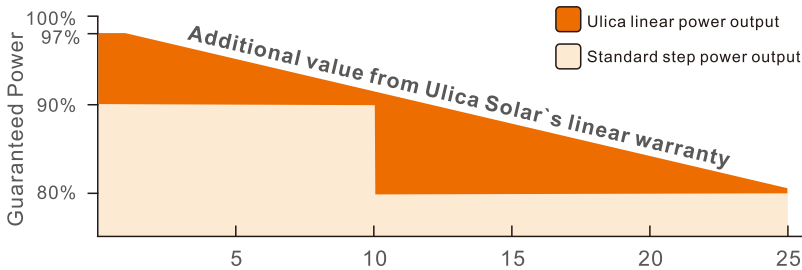
High performance under low light
Works at cloudy, rainy days



Double electroluminescence (EL) tests
Carefully inspected before and after lamination to guarantee fault-free modules



World famous insurance
Solar Insurance&Finance(Netherlands), AON(Japan)



12-year product warranty
25-year linear power warranty



MONO 360W/365W/370W/375W

ELECTRICAL PERFORMANCE

Electrical Parameters Standard Test Conditions

Module Type			UL-360M-72	UL-365M-72	UL-370M-72	UL-375M-72
Power Output	P _{max}	W	360	365	370	375
Power Tolerance	ΔP _{max}	W	±3%			
Module Efficiency	η _m	%	18.55	18.81	19.07	19.33
Voltage at P _{max}	V _m	V	38.0	38.1	38.2	38.3
Current at P _{max}	I _m	A	9.48	9.59	9.69	9.79
Open-Circuit Voltage	V _{oc}	V	46.7	46.8	46.9	47.2
Short-Circuit Current	I _{sc}	A	9.88	9.93	9.97	10.04

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

THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT	°C	45±2
Temperature Coefficient of P _{max}	γ	%/°C	-0.403
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 snow load	5400Pa
Max static wind load	2400Pa
Safety Class	II

CONSTRUCTION MATERIALS

Front Cover(material/type/thickness)	low-iron tempered glass/3.2mm
Cell(quantity/material/type/dimension)	72/monocrystalline/156.75x156.75mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver
Junction Box(protection degree)	IP67
Cable(length/cross-sectional area)	1100mm/4mm ²
Plug Connector	DC1000,PV-ZH202/PV-JM601A/PV-JM601, Made in China

GENERAL CHARACTERISTICS

Dimension(L/W/H)	1956/992/46mm
Weight	22.5kg

PACKING CONFIGURATION

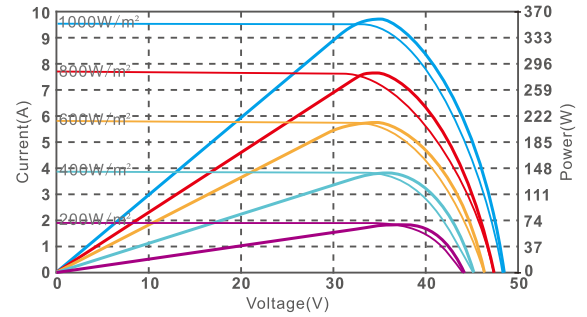
Pallet Size(L/W/H)	2000/1100/2260mm
Pallet Weight	1260kg
Pieces per Pallet	52pcs
Pieces per Container	572pcs

INTERNATIONAL CERTIFICATES

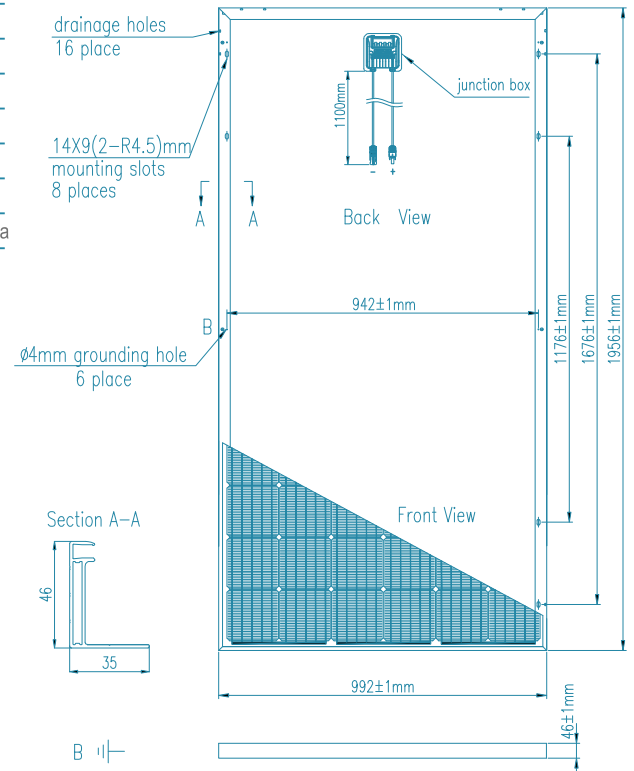
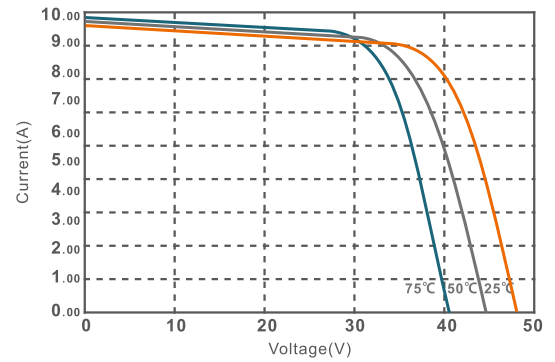
- TÜV SÜD, TÜV NORD, UL, CE, JET
MCS, CQC, IMERTRO
- ISO9001:2008
- ISO14001:2004
- BS OHSAS 18001:2007

I-V CURVE

I-V characteristics at different irradiances



I-V characteristics at different temperature



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

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