

MONO 380W/385W/390W

ELECTRICAL PERFORMANCE

Electrical Parameters Standard Test Conditions

Module Type			UL-380M-72	UL-385M-72	UL-390M-72
Power Output	P _{max}	W	380	385	390
Power Tolerance	ΔP _{max}	W	0/+5W		
Module Efficiency	η _m	%	19.58	19.84	20.10
Voltage at P _{max}	V _m	V	39.6	39.7	39.8
Current at P _{max}	I _m	A	9.60	9.70	9.80
Open-Circuit Voltage	V _{oc}	V	48.5	48.6	48.7
Short-Circuit Current	I _{sc}	A	10.07	10.17	10.27

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	-0.390
Temperature Coefficient of V _{oc}	β _{voc}	%/°C	-0.290
Temperature Coefficient of I _{sc}	α _{isc}	%/°C	+0.049

OPERATING CONDITIONS

Max. System Voltage	1000V/1500V
Max. Series Fuse Rating	15A
Operating Temperature Range	-40°C~85°C
Max static snow load	5400Pa
Max static wind load	3800Pa
Application Class	A

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 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)	1956/992/40mm
Weight	21.5kg

PACKING CONFIGURATION

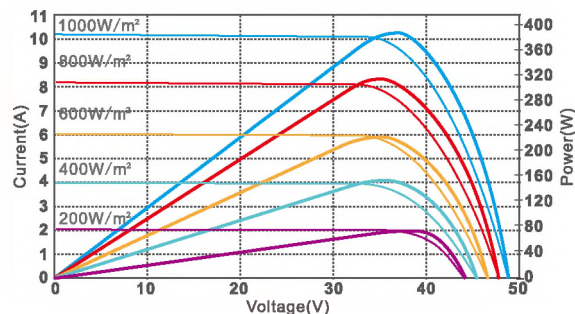
Pallet Size(L/W/H)	1990/1120/2460mm
Pallet Weight	1357kg
Pieces per Pallet	56pcs
Pieces per Container	672pcs

INTERNATIONAL CERTIFICATES

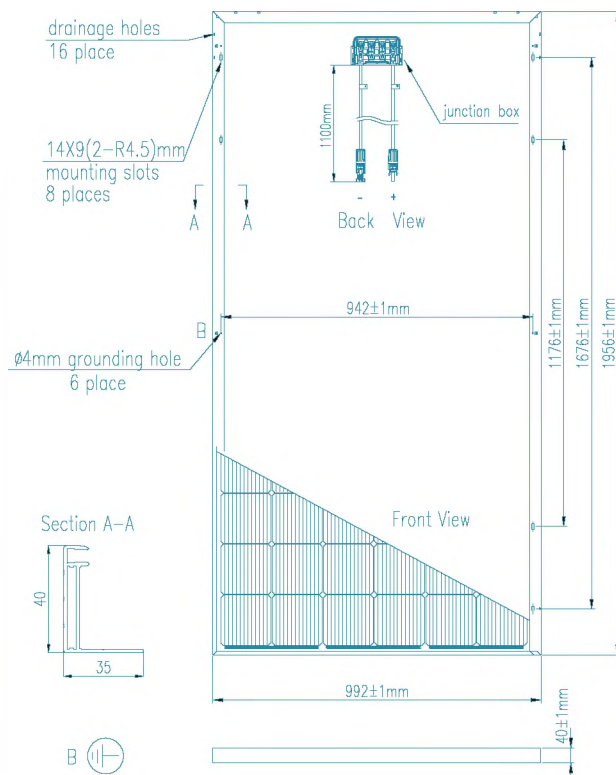
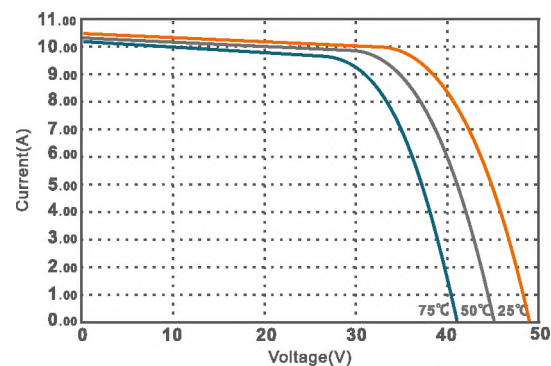
- TÜV SÜD, TÜV NORD, UL, CE, JET, CEC, MCS, CQC, IMERTRO, NRE, KS
- ISO9001:2015
- ISO14001:2015
- BS OHSAS 18001:2007

I-V CURVE

I-V characteristics at different irradiances



I-V characteristics at different temperature



Please read the instruction entirely before handling, installing and operating Ulica Solar modules.
Due to continuous research and development, the specification is subject to change without prior notice.