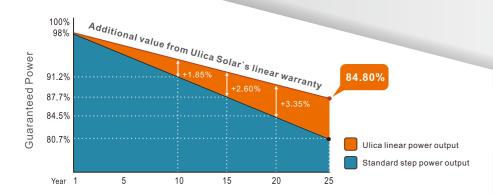
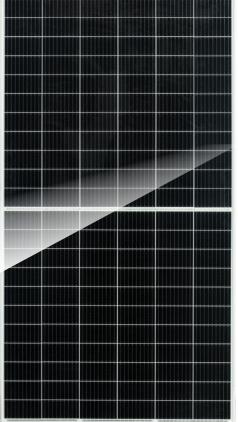


MONO HALF-CUT MODULE UL-655 | 660 | 665 | 670M-132 655W~670W 1500V







Global Tier 1 bankable brand



Mono PERC Half-cell Module

Reduced resistance between cells Less micro cracks, higher output power



Outstanding mechanical load resistance

2400 Pa wind load, 5400 Pa snow load



High performance under low light

Works at cloudy, rainy days



Anti-PID(potential induced degradation)

Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



Great Durability against extreme conditions

Passed salt mist corrosion test, ammonia corrosion test, dust & sand test, fire test, all certified by TUV



Double electroluminescence (EL) tests

Carefully inspected before and after lamination to guarantee fault-free modules





















About Ulica Solar: As member of Shanshan Group (stock code: 600884) which is TOP500 Enterprise in China, Ulica Solar is the leading manufacturer of solar cells and solar panels in China since 2005, and the global Tier 1 brand as announced by Bloomberg NEF of Q1 2020, with the annual capacity of 800MW, and own investment projects of 300MW.

MONO UL-655 | 660 | 665 | 670M-132



ELECTRICAL PERFORMANCE

Electrical Parameters Standa	rd Test Condi	tions				
Power Output	Pmax	W	655	660	665	670
Power Tolerance	$\triangle Pmax$	W		0/+5	5W	
Module Efficiency	η m	%	21.09	21,25	21.41	21,57
Voltage at Pmax	Vm	V	38,1	38,2	38.3	38.4
Current at Pmax	Im	Α	17.19	17.28	17.36	17.45
Open-Circuit Voltage	e Voc	V	45.6	45.7	45.8	45.9
Short-Circuit Curren	t Isc	Α	18.35	18.44	18.53	18.62

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

THERMAL CHARACTERISTICS

Nominal Operating Cell Temperature	NOCT	°C	45±2	
Temperature Coefficient of Pmax	γ	%/°C	-0.360	
Temperature Coefficient of Voc	βvoc	%/°C	-0.290	
Temperature Coefficient of Isc	αisc	%/°C	+0.049	

OPERATING CONDITIONS

Max.System Voltage	1500V
Max.Series Fuse Rating	30A
Operating Temperature Range	-40°C ~ 85°C
Max static snow load	5400Pa
Max static wind load	2400Pa
Application Class	A

CONSTRUCTION MATERIALS

Front Cover(material/type/thickness)	low-iron tempered glass/3.2mm
Cell(quantity/material/type/dimension)	132/monocrystalline/210x105mm
Encapsulant(material)	ethylene vinyl acetate(EVA)
Frame(material/anodization color)	anodized aluminum alloy/silver or black
Junction Box(protection degree)	IP68
Cable(length/cross-sectional area)	400mm(+),300mm(-)/4mm² (or Customized Length)
Plug Connector	MC4 compatible

GENERAL CHARACTERISTICS

Dimension(L/W/H)	2384/1303/35mm
Weight	33.6kg

PACKING CONFIGURATION

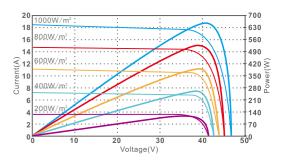
Pallet Size(L/W/H)	1350/1135/2313mm
Pallet Weight	993kg
Pieces per Pallet	31pcs
Pieces per Container	527pcs

INTERNATIONAL CERTIFICATES

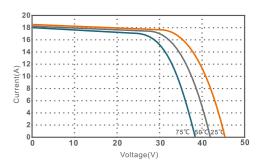
- IEC 61215, IEC 61730
- ISO 9001: 2015(Quality management systems)
- ISO 14001: 2015 (Environmental management systems)
- ISO 45001: 2018 (Occupational health and safety)

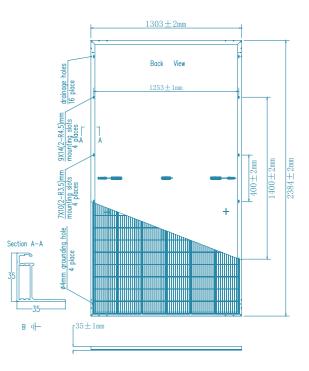
I-V CURVE

I-V characteristics at different irradiations



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.