

# ANDROMEDA 2.0

## Elegant Series

450W | 455W | 460W

### FEATURES

- Up to 21.5% Efficiency
- Bigger dimension, More power generation
- All black design
- IBC-No electrode to block sunlight
- N-Type cell has ZERO LID
- Excellent Temperature Coefficient
- Anti-PID
- Low mismatch loss
- Minimal power degradation (93% of initial after 25years)
- Double 25 Years Warranty



### About SPIC

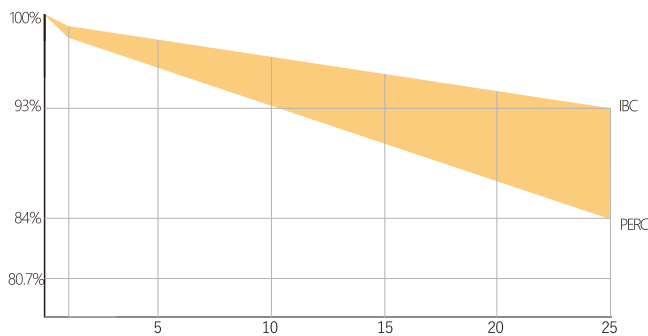
State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company ,one of the integrated energy group in China that holds assets of hydropower ,thermal power, nuclear power and new energy simultaneously .Hold and operate over 40GW photovoltaic plants, ranking first in the world (As of end 2021).



### Electrical Parameters

Module Type	SPICN6(LAR)-72-450/IH		SPICN6(LAR)-72-455/IH		SPICN6(LAR)-72-460/IH	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	450	338	455	342	460	346
Maximum Power Voltage (Vmpp/V)	42.0	39.1	42.2	39.3	42.4	39.5
Maximum Power Current (Imp/A)	10.72	8.65	10.79	8.70	10.85	8.76
Open Circuit Voltage (Voc/V)	49.9	47.8	50.0	47.9	50.1	48.0
Short Circuit Current (Isc/A)	11.49	9.29	11.59	9.37	11.69	9.45
Module Efficiency	21.0%		21.3%		21.5%	

### Additional Value



### Mechanical Parameters

Cell Type	NIBC 166x83mm(Half-Cell)
No. of Cells	144(6x24)
Junction Box	Ip68 with three bypass diodes
Output Cable	4mm <sup>2</sup> , 1600mm with MC4 (Length can be customized)
Glass	3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Dimension	2060x1039x35mm
Weight	22.5kg

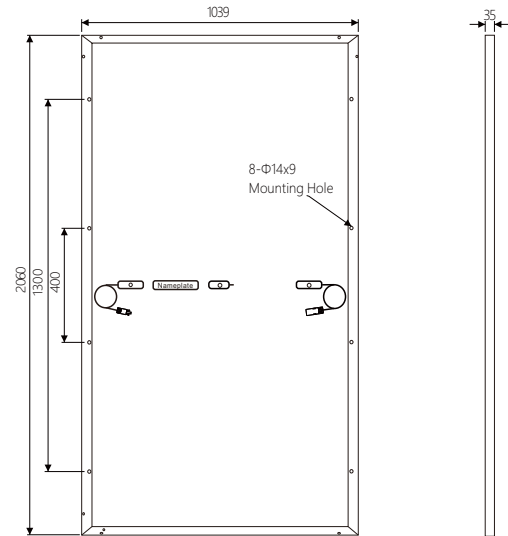
### Operating Conditions

Maximum System Voltage	1500V DC(IEC)
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V (IEC)
Maximum Series Fuse Rating	20A
Mechanical Test Load (Front)	5400Pa
Mechanical Test Load (Rear)	2400Pa

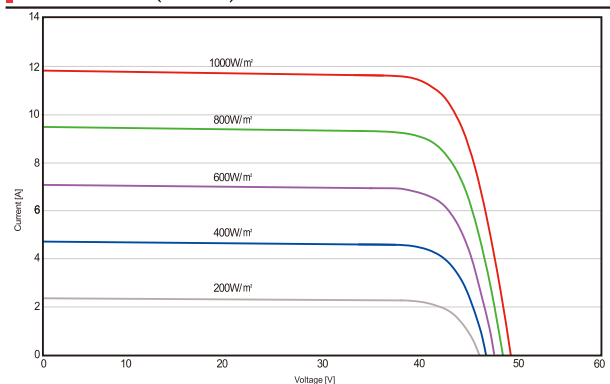
### Temperature Characteristics (STC)

Pmax	%/°C	-0.290
Voc	%/°C	-0.246
Isc	%/°C	+0.046

### Dimensions(Units:mm)



### I-V Curves(460W)



### Packaging Configuration

No. of Modules Per Pallet	EA	31
No. of Modules Per 40ft HQ container	EA	704