

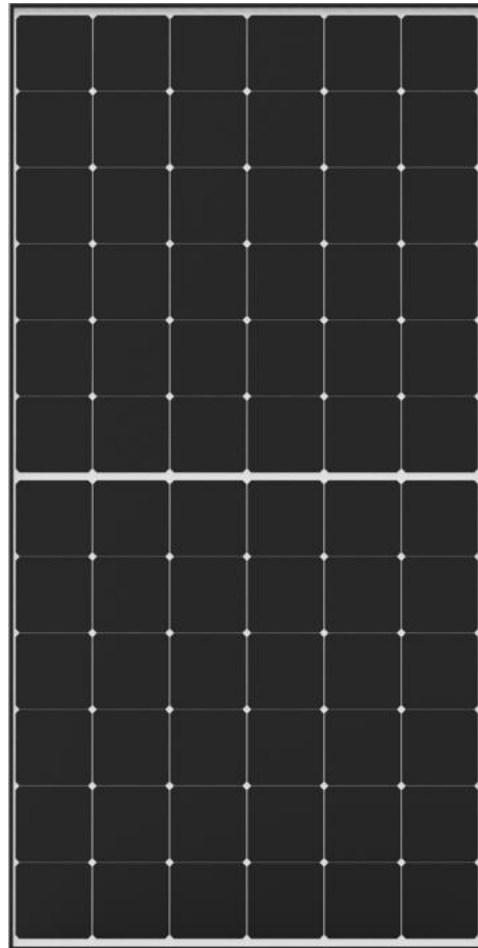
# ANDROMEDA 2.0

## SPICN6(LDF)-72/BIH High Efficiency Bifacial Series

455W|460W|465W

### FEATURES

- Up to 21.7% Module Efficiency
- Additional energy yield up to 10%
- IBC-No electrode to block sunlight
- N-Type cell has ZERO LID
- Dual-Glass Anti-PID
- Excellent Temperature Coefficient
- Low mismatch loss
- Refer. Bifacial Factor reached  $75\pm 5\%$
- Double 30Years Warranty
- Minimal power degradation (91.8% of initial after 30years)



### 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 projects, ranking first in the world (As of end 2021).

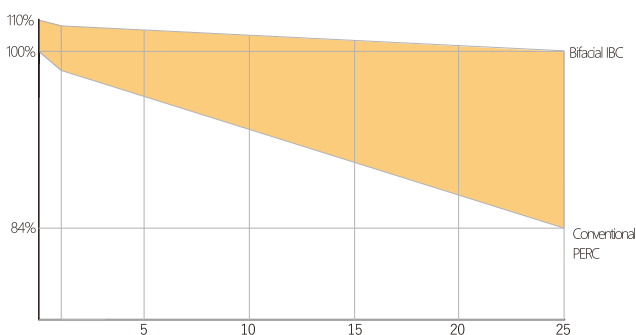


### Electrical Parameters

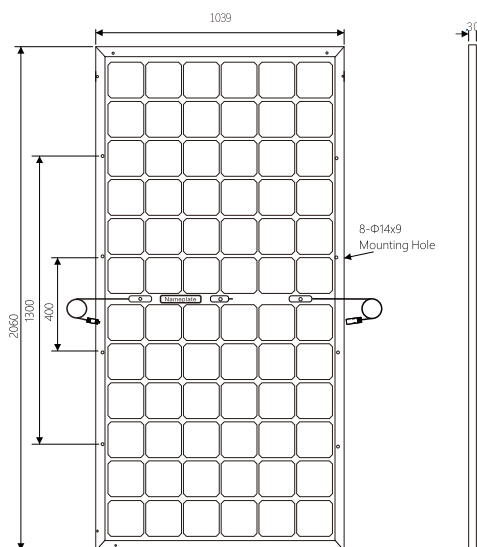
Module Type	SPICN6(LAR)-72-455/BIH			SPICN6(LAR)-72-460/BIH			SPICN6(LAR)-66-465/BIH		
	STC	*10%	*20%	STC	*10%	*20%	STC	*10%	*20%
Maximum Power (Pmax/W)	455	489.1	523.3	460	494.5	529	465	499.9	534.8
Maximum Power Voltage (Vmpp/V)	42.2			42.4			42.6		
Maximum Power Current (Imp/A)	10.79	11.60	12.41	10.85	11.66	12.48	10.92	11.74	12.56
Open Circuit Voltage (Voc/V)	50.0			50.1			50.2		
Short Circuit Current (Isc/A)	11.61	12.48	13.35	11.7	12.58	13.46	11.79	12.67	13.59
Module Efficiency	21.3%	22.9%	24.5%	21.5%	23.1%	24.7%	21.7%	23.3%	25.0%

\*10% is the Irradiance from rear side :100W/m<sup>2</sup>  
 \*20% is the Irradiance from rear side :200W/m<sup>2</sup>

### Additional Value



### Dimensions(Units:mm)



### 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	2.0+2.0mm Half tempered glass
Frame	Anodized aluminum alloy frame
Dimension	2060x1039x30mm
Weight	28.0kg

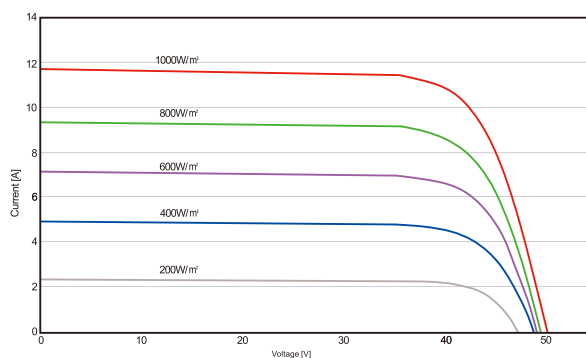
### Operating Conditions

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

### I-V Curves(465W)



### Packaging Configuration

No. of Modules Per Pallet	EA	35
No. of Modules Per 40ft HQ container	EA	770