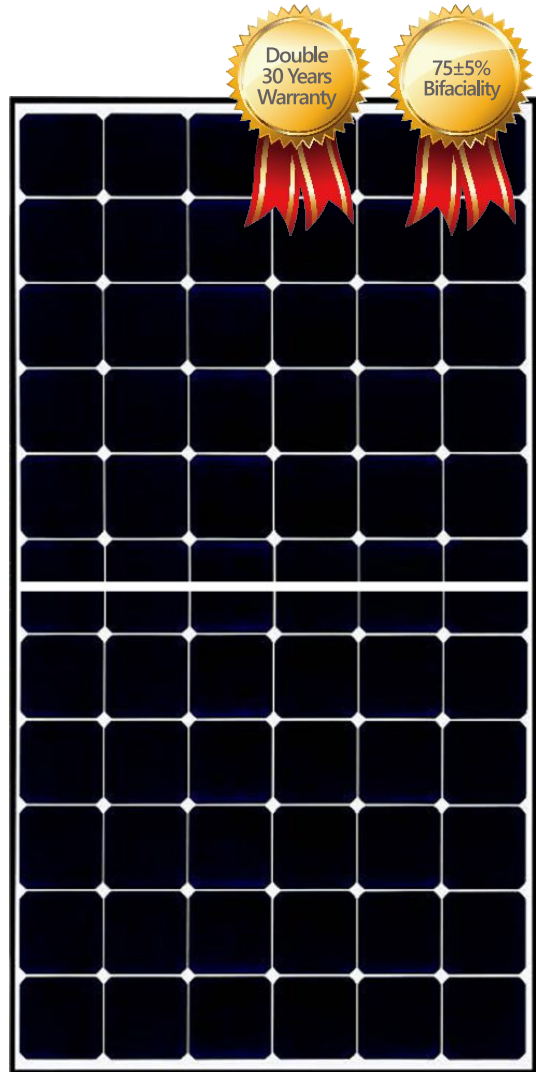


# ANDROMEDA 2.0

## High Efficiency Bifacial Series SPICN6(LDF)-66/BIH

425W | 430W | 435W



### FEATURES

- Up to 22.1% 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±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).

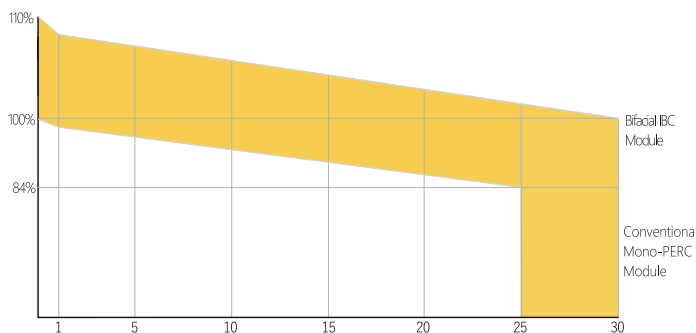


## Electrical Parameters

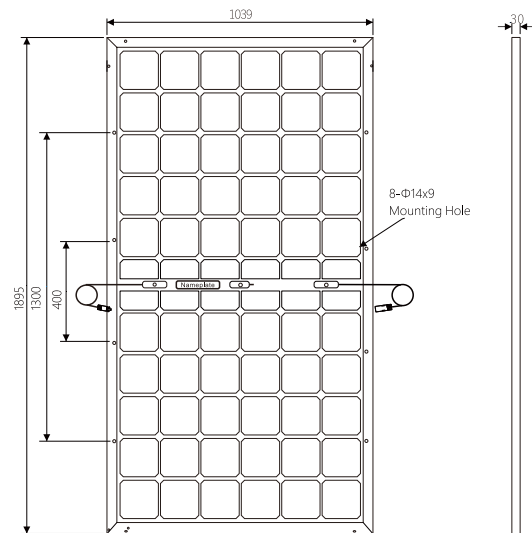
Module Type	SPICN6(LDF)-66-425/BIH			SPICN6(LDF)-66-430/BIH			SPICN6(LDF)-66-435/BIH		
	STC	*10%	**20%	STC	*10%	**20%	STC	*10%	**20%
Maximum Power (Pmax/W)	425	456.9	488.8	430	462.3	494.5	435	467.6	500.3
Maximum Power Voltage (Vmpp/V)	39.0			39.2			39.4		
Maximum Power Current (Impp/A)	10.9	11.72	12.54	10.97	11.8	12.62	11.05	11.88	12.71
Open Circuit Voltage (Voc/V)	46.0			46.1			46.2		
Short Circuit Current (Isc/A)	11.76	12.64	13.52	11.86	12.75	13.64	11.96	12.86	13.75
Module Efficiency	21.6%	23.2%	24.8%	21.8%	23.3%	25.1%	22.1%	23.8%	25.4%

\* 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	132(6x22)
Junction Box	Ip68 with three bypass diodes
Output Cable	4mm <sup>2</sup> , 1400mm with MC4 (Length can be customized)
Glass	2.0+2.0mm Half tempered glass
Frame	Anodized aluminum alloy frame
Dimension	1895x1039x30mm
Weight	26.0kg

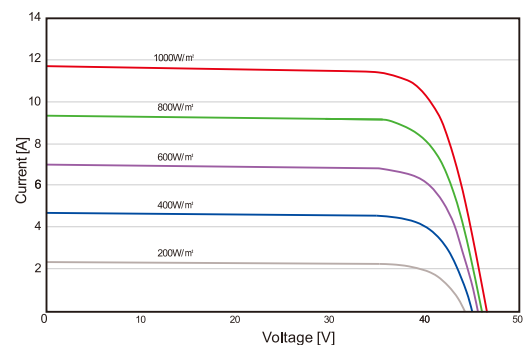
## Operating Conditions

Maximum System Voltage	1500V DC(IEC)
Operational Temperature	-40~+85°C
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(430W)



## Packaging Configuration

No. of Modules Per Stack	EA	73
No. of Stacks Per 40ft HQ container	EA	12
No. of Modules Per 40ft HQ container	EA	876



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Product specifications are subject to change without notice

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