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Exquisite Visual Effect



Super High Efficiency



ZERO Light Induced Degradation (LID)



Excellent Low Irradiance Response



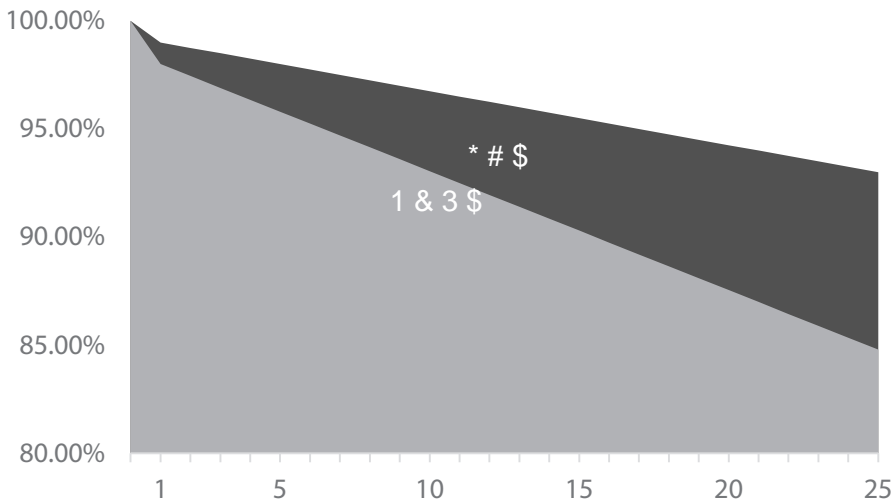
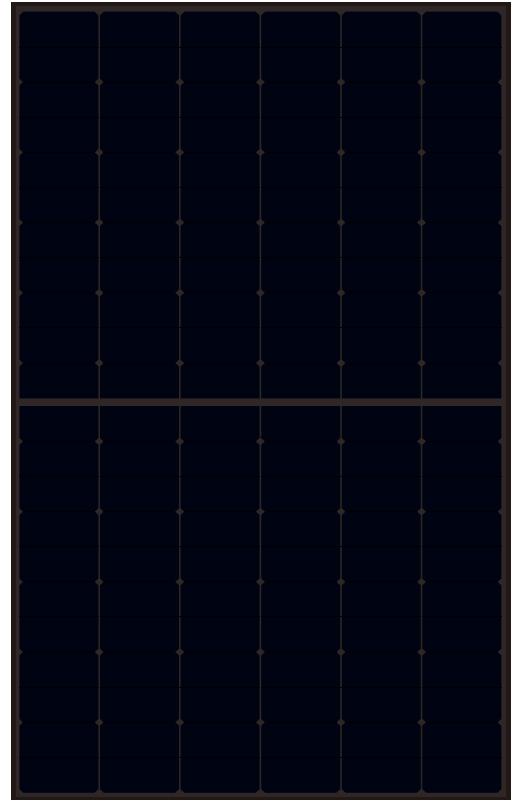
Less Shading Power Loss



Perfect Temperature Coefficients



Anti-PID & Anti-LeTID



- 1.0% 1<sup>st</sup> year Degradation
- 0.25% Annual Degradation after 1<sup>st</sup> year
- 93.0% 25 years Linear Power Warranty
- Double 25 years 25 years Product Warranty

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Zhejiang GangHang Solar Technology Co., Ltd.

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:HWHZZZBXR

# ANDROMEDA 2.0 SPICN6(LAR)-66/IH 典雅系列(Elegant Series)

## 结构参数 Mechanical Characteristics

电池类型	Cell Type	单晶 IBC 166×83 mm (半片)	Mono-crystalline IBC 166×83 mm (Half-cell)
电池数量	No. of Cells	132 (12×11)	132 (12×11)
组件尺寸	Dimensions	1885×1039×35mm	1885×1039×35mm
组件重量	Weight	21.0±0.5kg	21.0±0.5kg
前板玻璃	Front Glass	3.2mm, 高透光率, 低铁, 钢化	3.2mm, High transmission, Low Iron, Tempered Glass
边框	Frame	铝合金	Aluminium Alloy
接线盒	Junction Box	防护等级 IP68	IP68 Rated
线缆	Cables	TÜV 1×4mm <sup>2</sup> , 正、负极长 1400mm (或客户定制)	TÜV 1×4mm <sup>2</sup> , Length:1400mm (Or Custom Design)
连接器	Connector	原厂 MC4 (或客户定制)	Original MC4 (Or Custom Design)

## 工作参数 Working Conditions

最大系统电压	Maximum System Voltage	1500V DC (IEC)
最大保险丝额定电流	Maximum Series Fuse Rating	20A
工作温度	Operating Temperature	-40~+85°C
电池标称工作温度	Nominal Operating Cell Temperature (NOCT)	42±2°C
功率温度系数 $\gamma$	Temperature Coefficient of Pmax	-0.290%/°C
开路电压温度系数 $\beta$	Temperature Coefficient of Voc	-0.246%/°C
短路电流温度系数 $\alpha$	Temperature Coefficient of Isc	+0.046%/°C

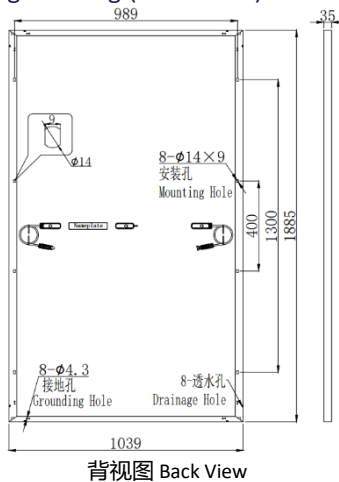
## 电性能参数 Electrical Parameters (STC\*)

组件型号	Module Type	SPICN6(LAR)-66-410/IH	SPICN6(LAR)-66-415/IH	SPICN6(LAR)-66-420/IH
最大额定功率 (W)	Maximum Power Pmax (W)	410	415	420
最大功率电压 (V)	Maximum Power Voltage Vmp (V)	38.4	38.6	38.8
最大功率电流 (A)	Maximum Power Current Imp (A)	10.69	10.76	10.83
开路电压 (V)	Open Circuit Voltage Voc (V)	45.7	45.8	45.9
短路电流 (A)	Short Circuit Current Isc (A)	11.46	11.56	11.66
组件效率 (%)	Module Efficiency (%)	20.9%	21.2%	21.4%

\*STC (标准测试条件) : 辐照度 1000 W/m<sup>2</sup>, 电池温度 25°C, AM1.5 (测试误差: ±3%)

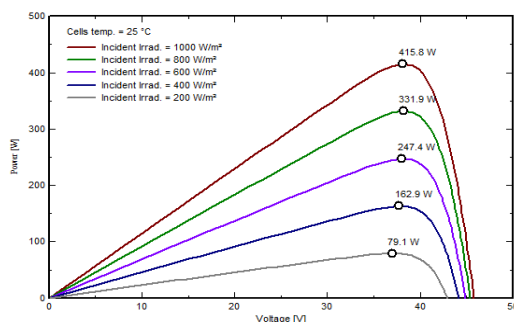
\*STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, AM1.5 (Measurement Tolerance: ±3%)

## 组件装配图 (单位:mm) Engineering Drawing (Units: mm)

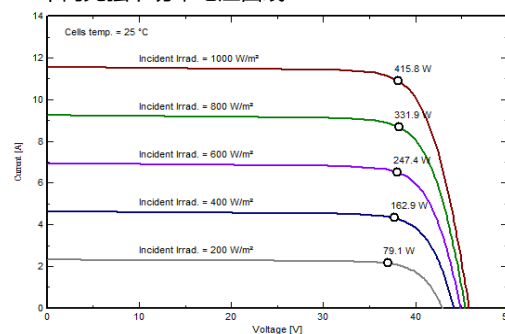


Packaging Configuration	
Packing Type	40'HQ
Piece/Pallet	30
Pallet/Container	24
Piece/Container	720

## 特性曲线 (415W) Characteristic Curve (415W)



不同光强下功率电压曲线 P-V Curve at different irradiation



不同光强下电流电压曲线 I-V Curve at different irradiation