

ANDROMEDA 3.0

Elegant Series (Black)

SPICN6(LDF)-60/BIH

400W | 405W | 410W



产品特性 FEATURES

- 最高22.8%组件效率
Up to 22.8% Module Efficiency
- 0~+5W功率公差
0~+5W Power Tolerance
- 全黑型板面，更加优雅
All black design, more elegant
- 叠加IBC及TOPCon技术优势
Combine IBC and TOPCon technology advantages
- N型电池片无光致衰减
N-Type cell has ZERO LID
- 无电致诱导衰减
Anti-PID
- 优异的功率温度系数
Excellent Temperature Coefficient
- 低失配损失
Low mismatch loss
- 双面率达70%
Refer. Bifacial Factor reached 70%
- 30年的材料及性能质保
Double 30Years Warranty
- 30年累积衰减低于8.2%
Minimal power degradation (8.2% of initial after 30years)



国家电投集团

国家电投集团在2022年财富世界500强中排名中位列第260位，是一家大型的综合能源企业，在全球范围内持有包括水电、火电、核电、光伏、风电等资产，总计超过200GW(截至2022年底)，其中光伏电站持有量超过53GW，连续多年全球第一。

About SPIC Group

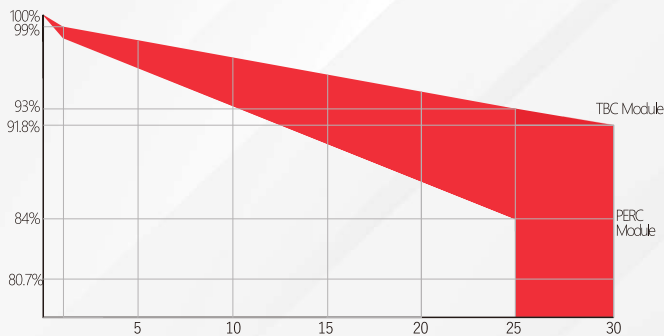
State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company, one of the integrated energy group in China that holds assets of hydropower, thermal power, nuclear power and new energy simultaneously. Hold and operate over 53GW photovoltaic projects, ranking first in the world (As of end 2022).



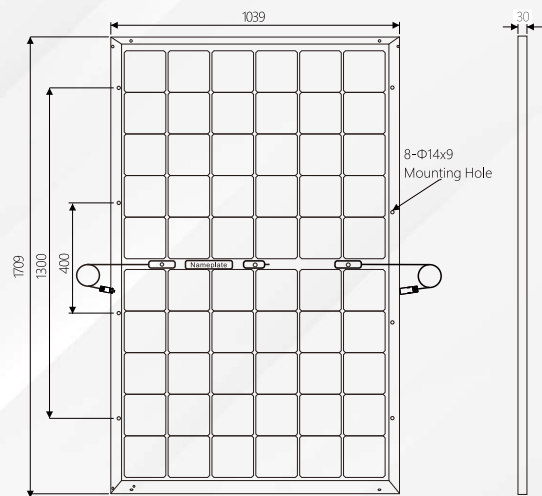
电性能参数 Electrical Parameters

组件型号 Module Type	SPICN6(LAR)-60-400/IH		SPICN6(LAR)-60-405/IH		SPICN6(LAR)-60-410/IH	
	STC	NOCT	STC	NOCT	STC	NOCT
峰值功率 Maximum Power (Pmax/W)	400	304	405	308	410	312
最大功率电压 Maximum Power Voltage (Vmpp/V)	36.9	34.7	37.1	34.9	37.3	35.1
最大功率电流 Maximum Power Current (Impp/A)	10.85	8.78	10.93	8.84	11.01	8.91
开路电压 Open Circuit Voltage (Voc/V)	43.1	40.6	43.3	40.8	43.5	41.0
短路电流 Short Circuit Current (Isc/A)	11.74	9.49	11.84	9.57	11.94	9.65
组件效率 Module Efficiency	22.3%		22.5%		22.8%	

附加价值 Additional Value



组件尺寸 Dimensions(Units:mm)



机械参数 Mechanical Parameters

电池类型 Cell Type	N-TBC 166x83mm(Half-Cell)
电池数量 No. of Cells	120(6x20)
接线盒 Junction Box	IP 68, 包含3个旁路二极管 IP68 with three bypass diodes
出线 Output Cable	4mm ² , 1200mm线缆含MC4 (可定制长度) 4mm ² , 1200mm with MC4 (Length can be customized)
组件玻璃 Glass	2.0+2.0mm钢化玻璃 2.0+2.0mm tempered glass
组件边框 Frame	铝合金边框 Anodized aluminum alloy frame
组件尺寸 Dimension	1727x1039x30mm
组件重量 Weight	22.3 ± 0.5kg

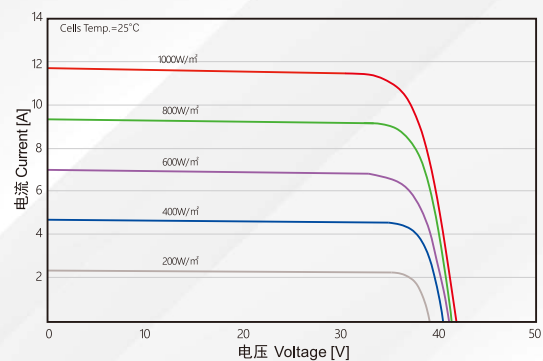
运行状况 Operating Conditions

最大系统电压 Maximum System Voltage	1500V DC(IEC)
最大额定电流 Maximum Rated Current	20A
运行温度 Operational Temperature	-40 ~ +85°C
正面机械载荷 Mechanical Test Load (Front)	5400Pa
背面接卸载荷 Mechanical Test Load (Rear)	2400Pa

温度系数 Temperature Characteristics (STC)

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

电流-电压曲线 I-V Curves(390W)



包装信息 Packaging Configuration

每堆组件数 No. of Modules Per Stack	EA	73
40ft高柜包含堆数 No. of Stacks Per 40ft HQ container	EA	13
40ft高柜包含组件数 No. of Modules Per 40ft HQ container	EA	949

