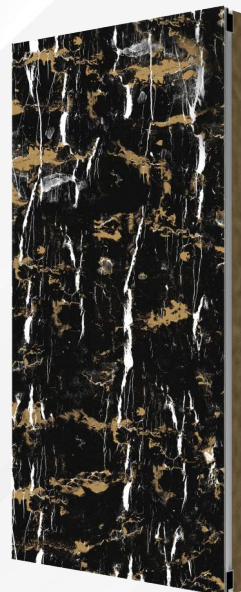


ANDROMEDA 2.0

Green Building Material

SPICN6(LFL)-21/IH

100W



产品特性 FEATURES

- 0~+5W功率公差
0~+5W Power Tolerance
- 优异的弱光性能
Excellent Low Light Performance
- 低失配损失
Low mismatch loss
- IBC 技术无正面栅线, 更好受光
IBC-No electrode to block sunlight
- N型电池片无光致衰减
N-Type cell has ZERO LID
- 优异的功率温度系数
Excellent Temperature Coefficient



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

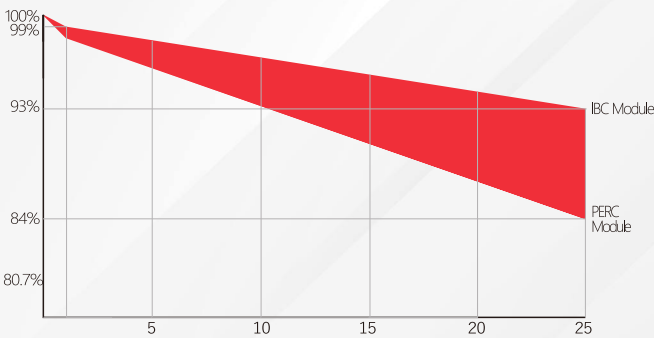
State Power Investment Corporation (SPIC)- FORTUNE GLOBAL 500 company, one of the integrated energy group in China that holds assets of hydropower, thermal power, nuclear power and new energy simultaneously. Hold and operate over 53GW photovoltaic projects, ranking first in the world (As of end 2022).



电性能参数 Electrical Parameters

组件型号 Module Type	SPICN6(LFL)-21-100/IH	
	STC	NOCT
峰值功率 Maximum Power (Pmax/W)	100	76
最大功率电压 Maximum Power Voltage (Vmpp/V)	25.2	23.7
最大功率电流 Maximum Power Current (Impp/A)	3.98	3.21
开路电压 Open Circuit Voltage (Voc/V)	29.4	27.7
短路电流 Short Circuit Current (Isc/A)	4.35	3.52
组件效率 Module Efficiency	13.9%	

附加价值 Additional Value



机械参数 Mechanical Parameters

电池类型 Cell Type	N-IBC 166x83mm(Half-Cell)
电池数量 No. of Cells	42(3x14)
接线盒 Junction Box	IP68, 包含2个旁路二极管 Ip68 with two 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)
保温材料 Insulation material	岩棉板 Rockwool board
封装材料 Encapsulation Materials	POE
组件尺寸 Dimension	1200x600x85mm
组件重量 Weight	10 ± 0.5kg

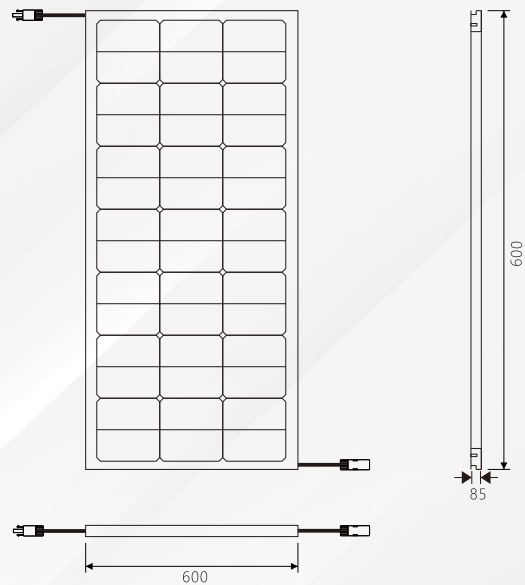
运行状况 Operating Conditions

最大系统电压 Maximum System Voltage	1000V DC(IEC)
运行温度 Operational Temperature	-40 ~ +85°C
最大额定电流 Maximum Rated Current	20A

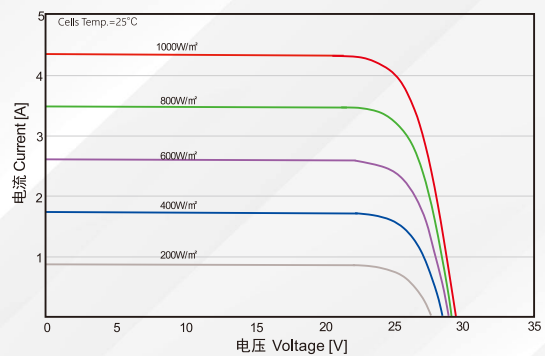
温度系数 Temperature Characteristics (STC)

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

组件尺寸 Dimensions(Units:mm)



电流-电压曲线 I-V Curves(100W)



包装信息 Packaging Configuration

每托组件数 No. of Modules Per Pallet	EA	18
40ft高柜包含托数 No. of Pallets Per 40ft HQ container	EA	38
40ft高柜包含组件数 No. of Modules Per 40ft HQ container	EA	684



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