

Sunny Inspire

220W Solar PV Module

SunPower IBC

- Made with 125mm SunPower Interdigitated Back Contact solar cells
- Aesthetically using clear surface back-contact cells
- Cells with High conversion efficiency above 24%
- Performs well in diffuse light and high-temperature conditions
- Excellent performance under low light conditions



Electrical Specifications

Model Type	SA-H220	
Peak Power (Pmax)	220W	
Module Efficiency	21.30%	
Maximum Power Voltage (Vmp)	36.6V	18.5V
Maximum Power Current (Imp)	6.01A	11.9A
Open Circuit Voltage (Voc)	43.2V	21.7V
Short Circuit Current (Isc)	6.36A	12.6A
Power Tolerance	-5% / + 10%	
Maximum System Voltage	600V	
Normal Operating Cell Temp.	46 °C (+/- 2)	

Mechanical Specifications

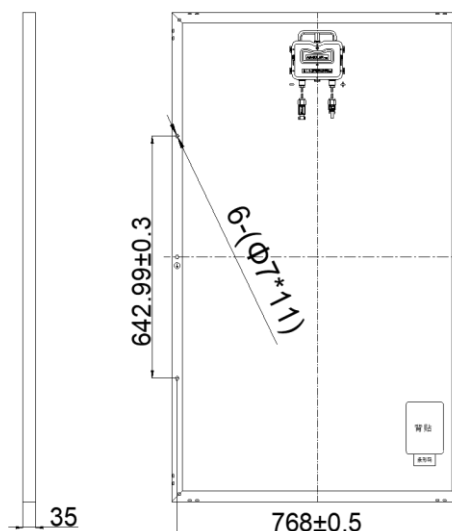
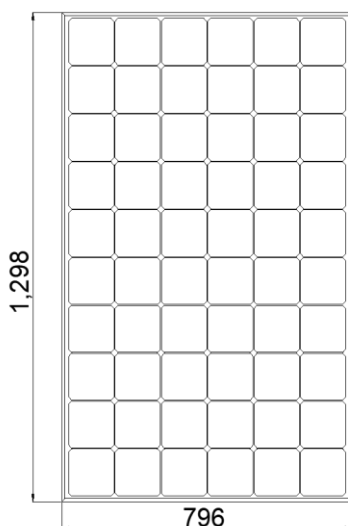
Cell type	IBC
Number of cells	60 cells in series
Weight	14.22kg [31.35lbs]
Dimensions	1298 x 796 x 35mm [51.1 x 31.36 x 1.38in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.27%/°C
Voltage	-0.236%/°C
Current	0.058%/°C

Warranties & Certifications

Warranties	5 years product warranty, 20 years limited power warranty of 80% of the minimum specified power rating
Certificates	CE



Unit: mm [inch]

Note: All electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temperature 77°F/25°C)

Caution: Read Safety and Installation Instruction before using this product.

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