

Sunny Apex

110W Solar Module

High Efficiency Back-Contact

- ☺ Sunny Apex's HOP series solar modules ranged from 35Watt to 175Watt
- ☺ Aesthetically using clear surface back-contact cells
- ☺ Cells with High conversion efficiency above 24%
- ☺ Anodized aluminum improving corrosion resistance
- ☺ Excellent performance under low light conditions

⚙️ **Your best choice for off-grid solar application !** ⚙️



Electrical Specifications

Model Type	SA-H110
Peak Power (Pmax)	110W
Module Efficiency	20.30%
Maximum Power Voltage (Vmp)	18.3V
Maximum Power Current (Imp)	6.02A
Open Circuit Voltage (Voc)	21.6V
Short Circuit Current (Isc)	6.36A
Power Tolerance	-5% / + 10%
Maximum System Voltage	70V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

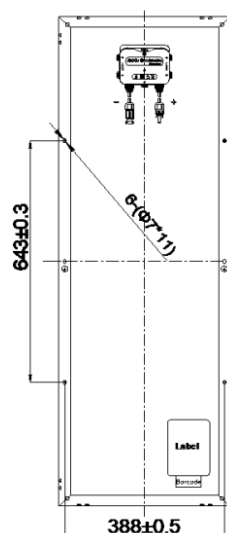
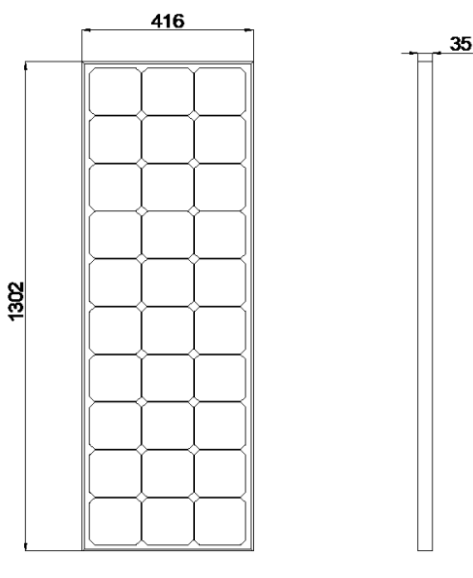
Cell type	Back contact high eff. Mono
Number of cells	30 cells in series
Weight	7.15kg [15.76lbs]
Dimensions	1302 x 416 x 35mm [51.30 x 16.39 x 1.38in]
Frame	> 15µm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

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

Warranties & Certifications

Warranties	2 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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