

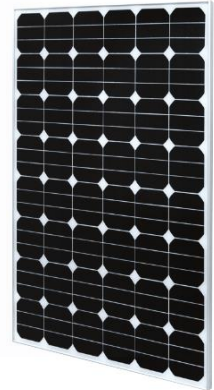
Sunny Apex

155W 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-H155	SA-H155
Peak Power (Pmax)	155W	155W
Module Efficiency	19.90%	19.90%
Maximum Power Voltage (Vmp)	19.6V	39.1V
Maximum Power Current (Imp)	7.92A	3.96A
Open Circuit Voltage (Voc)	23.1V	46.1V
Short Circuit Current (Isc)	8.36A	4.18A
Power Tolerance	-5% / + 10%	
Maximum System Voltage	70V	
Normal Operating Cell Temp.	46 °C (+/- 2)	

Mechanical Specifications

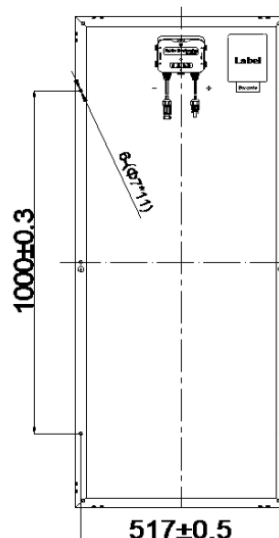
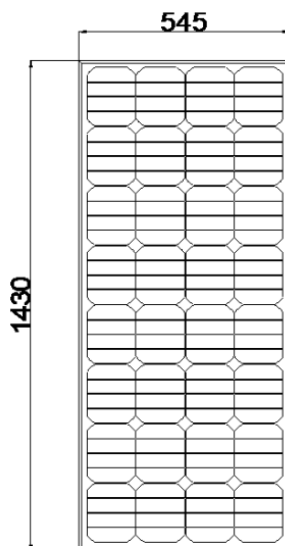
Cell type	Back contact high eff. Mono
Number of cells	Total 128 cells, 32 cells in series
Weight	9.77kg [21.54lbs]
Dimensions	1430 x 545 x 35mm [56.30 x 21.47 x 1.38in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

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.

2021 Sunny Apex Development Ltd. All right reserved. Specifications included in this datasheet are subject to change without notice.