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Solar Panel Guide

Specification Data Sheet

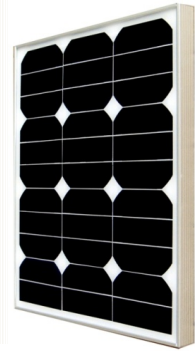
Learn more at energypal.com/best-solar-panels-for-homes

35W Solar Module

High Efficiency Back-Contact

- ☺ Sunny Apex's HOP series solar modules ranged from 35Watt to 155Watt
- Aesthetically using clear surface back-contact cells
- ☺ Cells with High conversion efficiency above 23%
- Anodized aluminum improving corrosion resistance
- ☺ Excellent performance under low light conditions

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



Electrical Specifications

Model Type	SA-H35
Peak Power (Pmax)	35W
Module Efficiency	16.50%
Maximum Power Voltage (Vmp)	17.5V
Maximum Power Current (Imp)	2.00A
Open Circuit Voltage (Voc)	21.3V
Short Circuit Current (Isc)	2.2A
Power Tolerance	-5% / + 10%
Maximum System Voltage	70V
Normal Operating Cell Temp.	46 °C (+/-2)

Mechanical Specifications

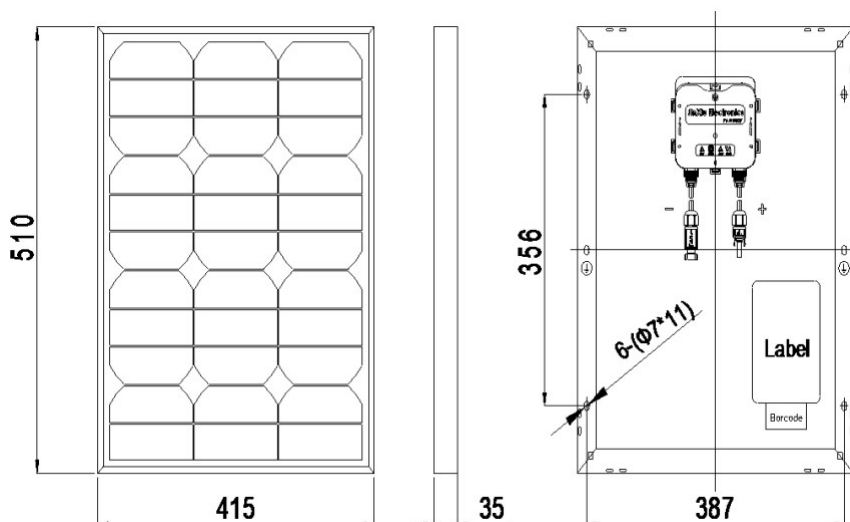
Cell type	Back contact high eff. Mono
Number of cells	33 cells in series
Weight	2.68kg [5.91lbs]
Dimensions	510 x 415 x 35mm [20.09 x 16.35 x 1.38in]
Frame	> 15μm clear anodized aluminum
Junction Box	IP 65 waterproof
Cables	4.00mm ² , 500mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.32%/ °C
Voltage	-1.8mV/ °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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