

## 35W Solar Module

## High Efficiency Back-Contact

- ☉ Sunny Apex's HOP series solar modules ranged from 30Watt to 150Watt
- Aesthetically using clear surface back-contact cells
- ☉ Cells with High conversion efficiency up to 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	SA-H30
Peak Power (Pmax)	35W	30W
Module Efficiency	16.50%	14.20%
Maximum Power Voltage (Vmp)	18.1V	18.1V
Maximum Power Current (Imp)	1.93A	1.66A
Open Circuit Voltage (Voc)	22.1V	22.1V
Short Circuit Current (Isc)	2.09A	1.82A
Power Tolerance	-5% / + 10%	
Maximum System Voltage	70V	
Normal Operating Cell Temp.	46 °C (+/-2)	

### Mechanical Specifications

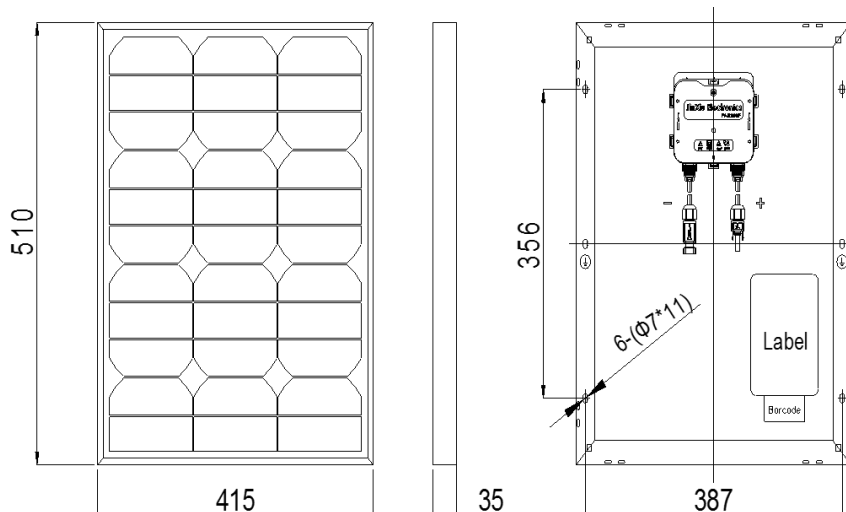
Cell type	Back contact high eff. Mono
Number of cells	33 cells in series
Weight	2.68kg [5.91 lbs]
Dimensions	510 x 415 x 35mm [20.09 x 16.35 x 1.38in]
Frame	> 15 $\mu$ m clear anodized aluminum
Junction Box	JB-JX80 (IP 65 waterproof)
Cables	4.00mm <sup>2</sup> , 500mm
Connectors	JBL01 / JBL02 (MC4 compatible)

### 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/m<sup>2</sup>, AM 1.5G, cell temperature 77°F/25°C)

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

2015 Sunny Apex Development Ltd. All right reserved. Specifications included in this datasheet are subject to change without notice.