

# Sunny Apex

## 30W Solar Module

## High Efficiency Back-Contact

- ☺ Sunny Apex's HOP series solar modules ranged from 30Watt to 170Watt
- 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-H30
Peak Power (Pmax)	30W
Module Efficiency	15.50%
Maximum Power Voltage (Vmp)	16.5V
Maximum Power Current (Imp)	1.82A
Open Circuit Voltage (Voc)	19.8V
Short Circuit Current (Isc)	2.00A
Power Tolerance	-5% / + 10%
Maximum System Voltage	70V
Normal Operating Cell Temp.	46 °C (+/-2)

### Mechanical Specifications

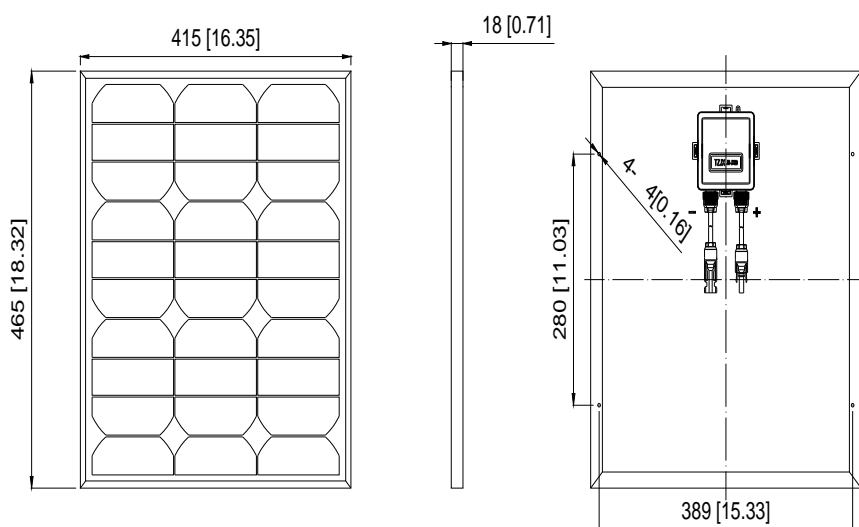
Cell type	Back contact high eff. Mono
Number of cells	30 cells in series
Weight	2.37kg [5.22lbs]
Dimensions	465 x 415 x 18mm [18.32 x 16.35 x 0.71 in]
Frame	> 15 $\mu$ m clear anodized aluminum
Junction Box	JB-JX80 (IP 65 waterproof)
Cables	4.00mm <sup>2</sup> , 500mm
Connectors	JBL01 /JBL02 (MC4 compatible)

### 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.

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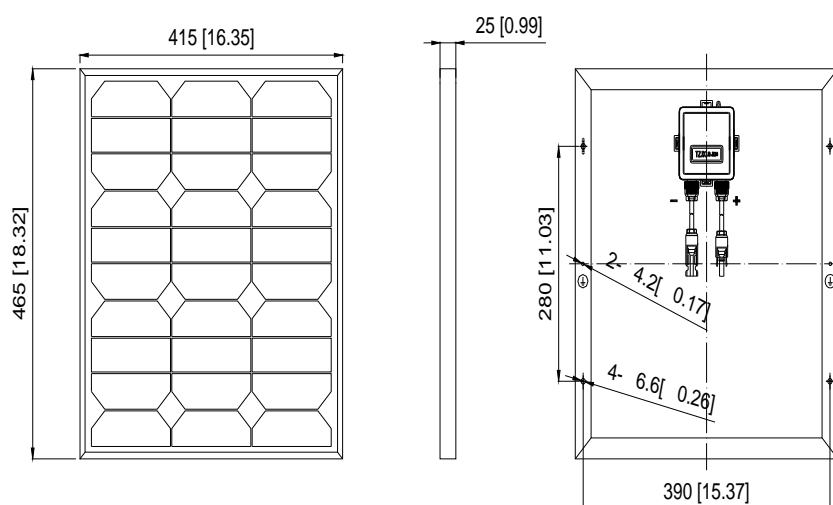
Cell type	Back contact high eff. Mono
Number of cells	30 cells in series
Weight	2.46kg [5.42lbs]
Dimensions	465 x 415 x 25mm [18.32 x 16.35 x 0.991in]
Frame	> 15 $\mu$ m clear anodized aluminum
Junction Box	JB-JX80 (IP 65 waterproof)
Cables	4.00mm <sup>2</sup> , 500mm
Connectors	JBL01 /JBL02 (MC4 compatible)

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