

For a Free Quote:

Web: [EnergyPal.com](https://energypal.com)

Call: **1-800-990-3725**

Email: **contact@energypal.com**



Solar Panel Guide

Specification Data Sheet

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

Sunny Apex

60W Solar Module

High Efficiency Back-Contact

- ☺ Product is certified to IEC 61215 and 61730 by TÜV Nord
- 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-IH60
Peak Power (Pmax)	60W
Module Efficiency	15.30%
Maximum Power Voltage (Vmp)	16.9V
Maximum Power Current (Imp)	3.56A
Open Circuit Voltage (Voc)	20.3V
Short Circuit Current (Isc)	3.99A
Power Tolerance	-5% / + 10%
Maximum System Voltage	70V
Normal Operating Cell Temp.	46 °C (+/- 2)

Mechanical Specifications

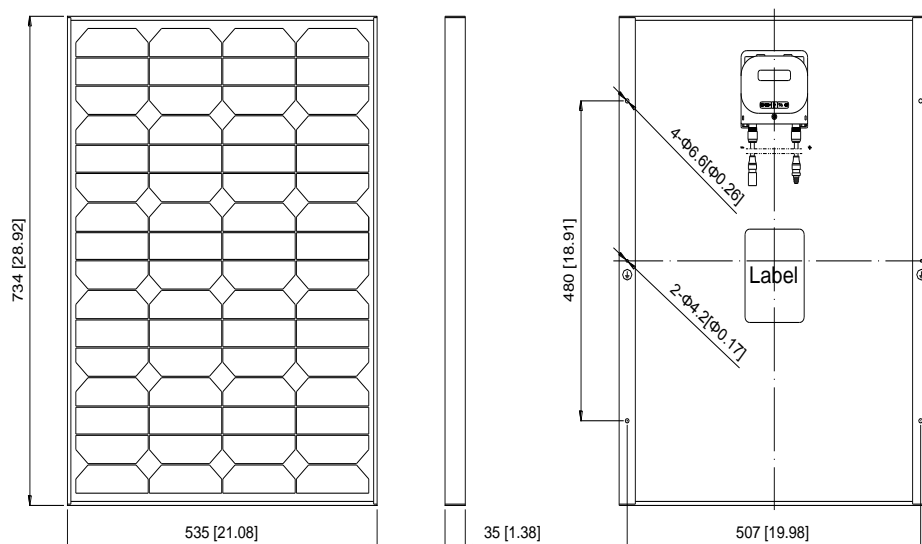
Cell type	Back contact high eff. Mono
Number of cells	Total 64 cells, 32 cells in series
Weight	5.8kg [12.78lbs]
Dimensions	734 x 535 x 35 mm [28.9 x 21.06 x 1.38 in]
Frame	> 15µm clear anodized aluminum
Junction Box	Tyco (IP 65 waterproof)
Cables	4.00mm ² , 1000mm
Connectors	MC4

Temperature Coefficients

Power	-0.32% / °C
Voltage	-1.8mV / °C

Warranties & Certifications

Warranties	5 years product warranty, 25 years limited power warranty of 80% of the minimum specified power rating
Certificates	IEC 61215 & 61730



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.

2014 Sunny Apex Development Ltd. All right reserved. Specifications included in this datasheet are subject to change without notice.