

Sunny Apex

210W Photovoltaic Solar Module

EC Series

- ☉ Sunny Apex's EC series solar modules ranged from 10Watt to 200Watt
- Using high quality multi-crystalline cells and encapsulation materials
- ☉ Anodized aluminum improving corrosion resistance
- Excellent low light behaviour for improved energy yield

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



Electrical Specifications

Model Type	SA-EC210	SA-EC200
Peak Power (Pmax)	210W	200W
Module Efficiency	15.20%	14.40%
Maximum Power Voltage (Vmp)	35.1V	35.1V
Maximum Power Current (Imp)	5.99A	5.72A
Open Circuit Voltage (Voc)	43.8V	43.8V
Short Circuit Current (Isc)	6.42A	6.13A
Power Tolerance	-5% / + 10%	
Maximum System Voltage	600V	
Norminal Operating Cell Temp.	46 °C (+/-2)	

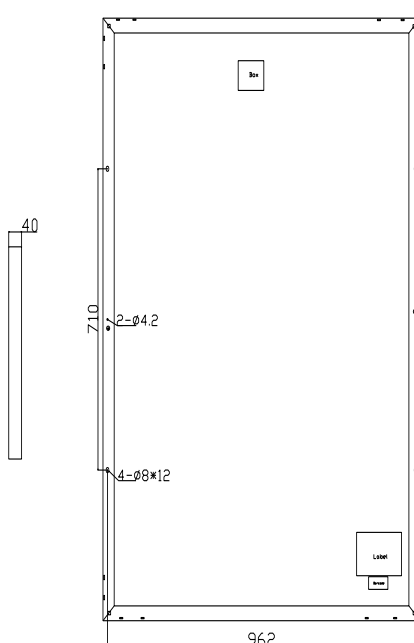
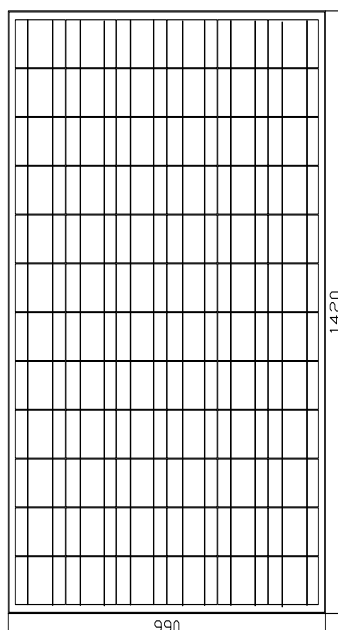
Mechanical Specifications

Cell type	Poly-crystalline
Number of cells	72 cells in series
Weight	18.2kg [40.12lbs]
Dimensions	1420 x 990 x 40mm [55.91 x 38.98 x 1.57in]
Frame	> 15 μ m clear anodized aluminum
Junction Box	HX-JB003 (IP65 waterproof)
Cables	4.00mm ² , 900mm
Connectors	MC4 compatible

Temperature Coefficients

Power	-0.43 %/K
Current	+0.06 %/K
Voltage	-0.36 %/K

2 years product warranty, 20 years limited power warranty of 80% of the minimum specified power rating



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)

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