Aurora PV

洋豪集团
YANGHAO GROUP

Key Features

60 Poly-Crystalline solar cells
Unique frame design to reinforce sealing and to prevent freezing and warping
Strong aluminum frames to strengthen the load hold and to stand against high wind
Special mounting holes on the frames for long and short side mounting
High transparency low iron tempered glass with enhanced stiffness and impact resistance
Advanced EVA encapsulation system with multilayer backsheets to better product modules
25-year transferrable power output warranty: 5 years/95%, 12 years/90%, 25 years/80%

Composition

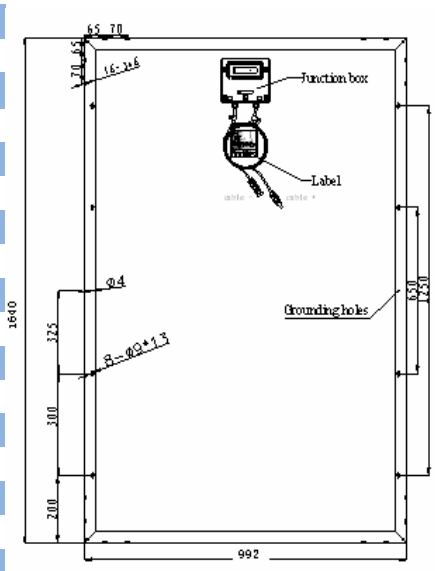
1	Tempered Glass
2	EVA
3	Solar Cell
4	EVA
5	Triple-layer back sheet

Electrical Characteristics

Model	Voc(V)	Vpm(V)	Pmax(W)	Isc(A)	Ipm(A)	FF
AU-60P-205	36.76	27.82	205	8.01	7.37	69.63
AU-60P-210	36.88	28.03	210	8.18	7.53	69.96
AU-60P-215	37.02	28.29	215	8.39	7.6	69.22
AU-60P-220	37.21	28.62	220	8.51	7.74	69.96
AU-60P-225	37.32	28.93	225	8.56	7.8	70.64
AU-60P-230	37.36	29.17	230	8.65	7.89	71.22
AU-60P-235	37.51	29.41	235	8.71	7.98	71.83
AU-60P-240	37.59	29.66	240	8.75	8.08	72.96
AU-60P-245	37.63	29.9	245	8.82	8.19	73.78

Max-System Voltage (VDC)	600V(UL)/1000V(IEC)
Max.Series Fuse (A)	15
Pm Temperature Coefficients (%/℃)	-(0.5±0.05)
Isc Temperature Coefficients (%/℃)	0.06±0.01
Voc Temperature Coefficients (%/℃)	-(0.35±0.05)
NOCT Nominal Operating Cell Temperature	46±2℃

All specified Parameters are at STC 25℃Ambient, 1000W/ m irradiance and AM 1.5



Mechanical Characteristics

Solar Cell	Polycrystalline 156 × 156 mm
No. of Cells	60 (6 × 10)
Dimensions	1640× 992 × 40mm
Weight	23kg
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65
Max.wind load/max.snow load	2400pa/5400pa

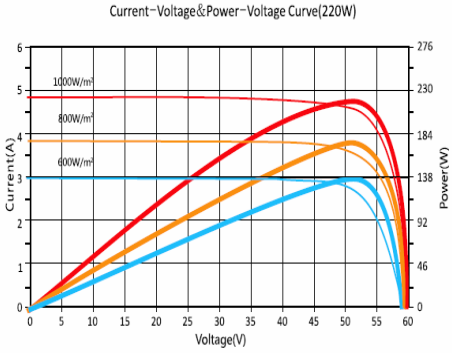
Absolute Ratings

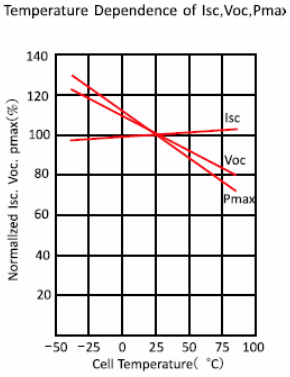
Dielectric Insulation Voltage	3000V
Operating Temperature (℃)	-40~+85
Storage Temperature (℃)	-40~+85

Brand Authentication

Package Information

Packing Configuration	24 pcs/box
Pallet	48 pcs/pallet
Loading Capacity	624 pcs/40ft(H))





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