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Solar Panel Guide Specification Data Sheet

Zhejiang Aurora PV Solar Co., Ltd.

AU-60M 225-270

AU-60M-245

Also available on the web at
EnergyPal.com/zhejiang-aurora-pv-solar-co-ltd-solar-panels/au-60m-245

60 Mono-Crystalline solar cells

Unique frame design to reinforce sealing and to prevent freezing and warping

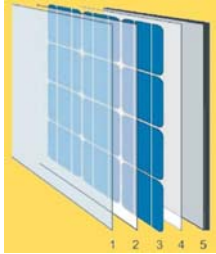
Strong aluminum frames to strengthen the load hold and to stand against high wind

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%

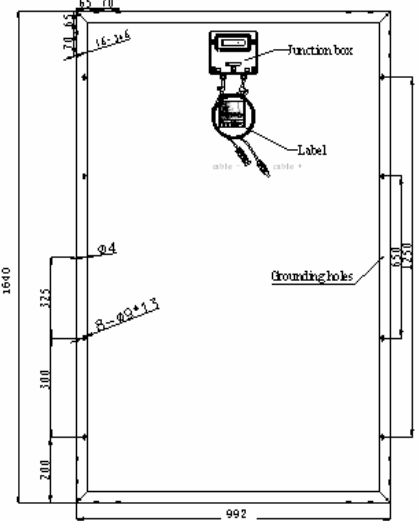


Composition

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-60M-225	37.1	29.49	225	8.26	7.61	73.23
AU-60M-230	37.33	29.67	230	8.35	7.72	73.48
AU-60M-235	37.51	29.87	235	8.42	7.89	74.62
AU-60M-240	37.67	30.06	240	8.52	8.03	75.21
AU-60M-245	37.85	30.28	245	8.59	8.08	75.25
AU-60M-250	38.01	30.89	250	8.69	8.13	76.03
AU-60M-255	38.11	31.15	255	8.64	8.17	77.29
AU-60M-260	38.28	31.35	260	8.66	8.28	78.3
AU-60M-265	38.47	31.56	265	8.69	8.41	79.39
AU-60M-270	38.56	31.71	270	8.72	8.51	80.26
Max-System Voltage (VDC)				600V(UL)/1000V(IEC)		
Max.Series Fuse (A)				15		
Pm Temperature Coefficients (%/°C)				-(0.5 ± 0.05)		
Isc Temperature Coefficients (%/°C)				0.06 ± 0.01		
Voc Temperature Coefficients (%/°C)				-(0.35 ± 0.05)		
NOCT Nominal Operating Cell Temperature				46 ± 2 °C		



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

Mechanical Characteristics

Solar Cell	Monocrystalline 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 (°C)	-40~+85
Storage Temperature (°C)	-40~+85

Brand Authentication



Package Information

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

Zhejiang Aurora PV Solar Co., Ltd

Add: Pingshui Industry Zone, Shaoxing, Zhejiang, China

Tel: 0086-575-85730081

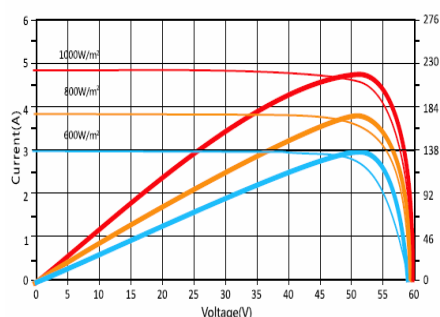
Fax: 0086-575-88056944

Email: sales@aurorapv.com

Msn: sandyzyq@hotmail.com

Website: <http://www.aurorapv.com>

Current-Voltage&Power-Voltage Curve(220W)



Temperature Dependence of Isc, Voc, Pmax

