

For a Free Quote:

Web: EnergyPal.com/solar

Call: 1-800-990-3725

Email: contact@energypal.com

EnergyPal

Solar Panel Guide Specification Data Sheet

Zhejiang Aurora PV Solar Co., Ltd.

AU-60M 225-270

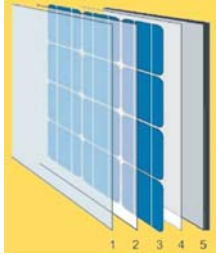
AU-60M-260

Also available on the web at
EnergyPal.com/zhejiang-aurora-pv-solar-co-ltd-solar-panels/au-60m-260

Aurora PV

Key Features

- 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%

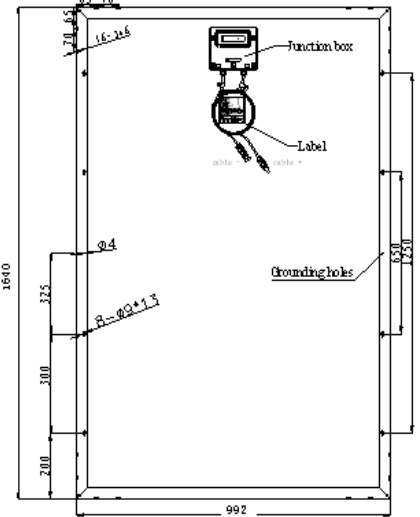


Composition

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



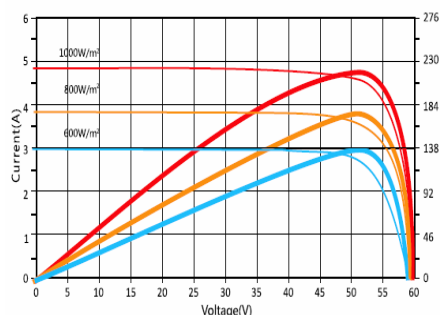
Package Information

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

