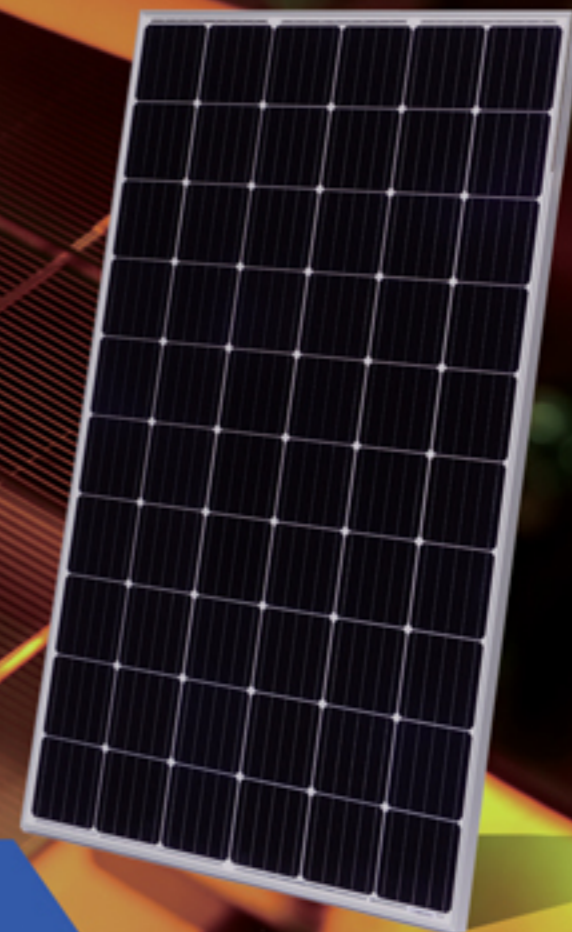


Mono-crystalline PV Module

Mono 60 cells

Dahai Solar

Dahai Solar is a leading solar energy company with a current module capacity of 1 GW. By designing, manufacturing and providing efficient and economical ground-crystal solar photovoltaic modules, we provide our customers with the most outstanding photovoltaic products, system solutions and related services. Committed to creating maximum economic, social and human value for our customers, partners, investors and all stakeholders.



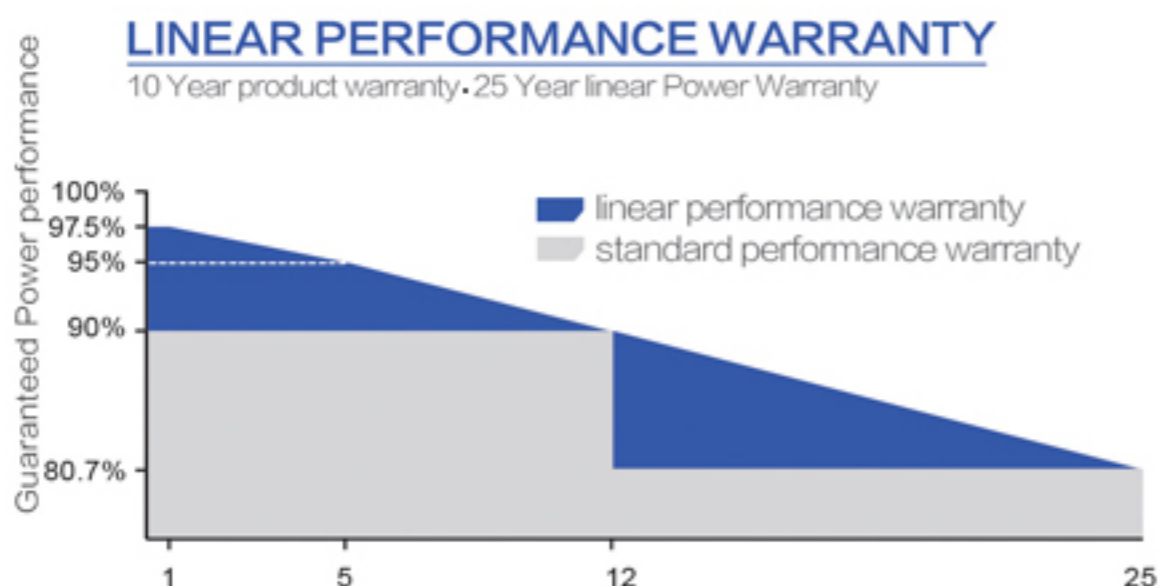
First-class warranty

- 10 years product material and process warranty
- 25-year linear power output warranty

Product Characteristics

- Excellent space utilization. The maximum power is up to 300 watts. Power density is 184 watts / square meter.
- High power output . The highest efficiency of module can reach 18.44%.
- The use of anti-reflective glass increases the absorption of light, while the modules in the rain environment have a self-cleaning function, effectively reducing the power loss caused by dust.
- Excellent weak light power generation performance.
- The modules are resistant to pressure and can withstand wind pressures of 2,400 Pa and snow pressures of 5,400 Pa.
- 3% Positive power tolerance (0~+5w)guaranteed
- Manufactured according to The International Quality Management System ISO 9001 and the international environmental quality management system ISO 14001.
- Passed the PID certification test under strict conditions

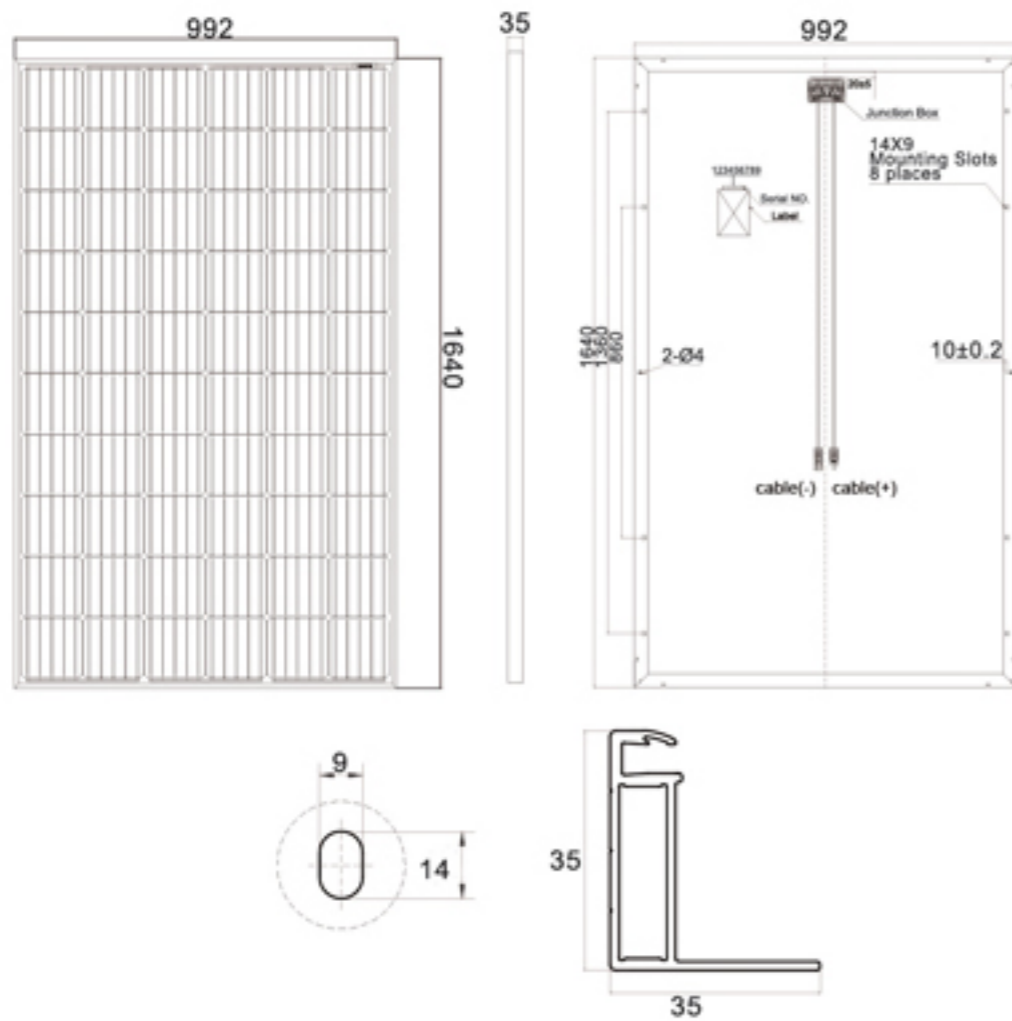
- IEC 61215, IEC 61730
- TUV
- UL1703
- CQC
- CE
- JET
- ISO 9001: 2008
- ISO 14001:2004



Packing configuration

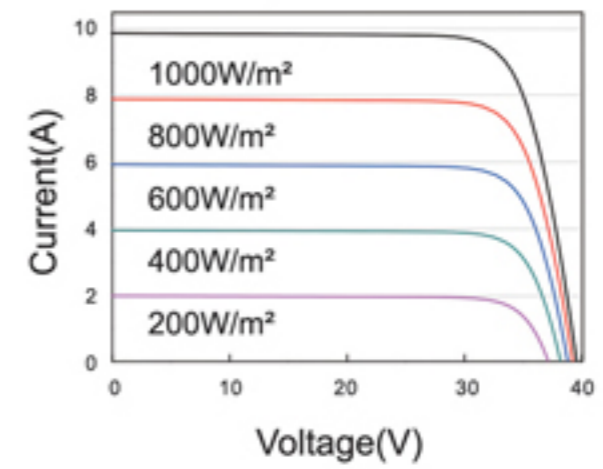
	1640 × 992 × 40mm		1640 × 992 × 35mm	
	20'GP	40'HQ	20'GP	40'HQ
Container				
Pieces per Pallet	26	26	30	30
Pallets per Container	12	28	12	28
Pieces per Container	312	728	360	840

Engineering Drawings

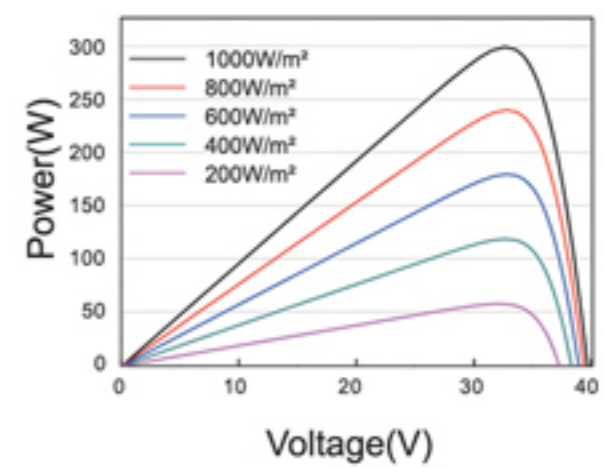


I-V Curve

Current-Voltage Curve DHM60-300



Power-Voltage Curve DHM60-300



Mechanical Data

Cell Type	Mono-crystalline 156.75x156.75mm
Weight	18.5kg
Dimensions	1640x992x35mm
No. of cells	60(6x10)
No. of Diodes	3
Junction Box Connector	MC4 Compatible Connector
Packaging Configuration	30pcs/pallet, 840pcs/40'HQ
Cable Cross Section	4mm ²

Working Parameters

Maximum System Voltage	1000V (TUV)/1000V DC(UL)
Operating Temperature	-40°C~+85°C
Maximum Fuse Rated Current	15A
Maximum Static Load, Positive	5400Pa(112ib/ft ²)
Maximum Static Load, Back	2400Pa(50ib/ft ²)
Rated Cells Operating Temperature	45±2°C
Application Level	ClassA

Electrical Performance Parameter

Module Type	DHM60-275	DHM60-280	DHM60-285	DHM60-290	DHM60-295	DHM60-300
Maximum Power(Pmax)	275	280	285	290	295	300
Maximum Power Voltage(Vmp)	30.86	31.04	31.22	31.40	31.58	31.76
Maximum Power Current(Imp)	8.91	9.02	9.13	9.24	9.35	9.46
Open-circuit Voltage (Voc)	38.52	38.65	38.78	38.91	39.04	39.17
Short-circuit Current(Isc)	9.36	9.47	9.56	9.65	9.76	9.85
Module Efficiency (%)	16.90	17.21	17.52	17.82	18.13	18.44
Power Tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5	0~+5
Standard Test Environment	Radiation 1000W / m ² Module Temperature 25°C, Spectrum AM1.5, According to EN60904-3					