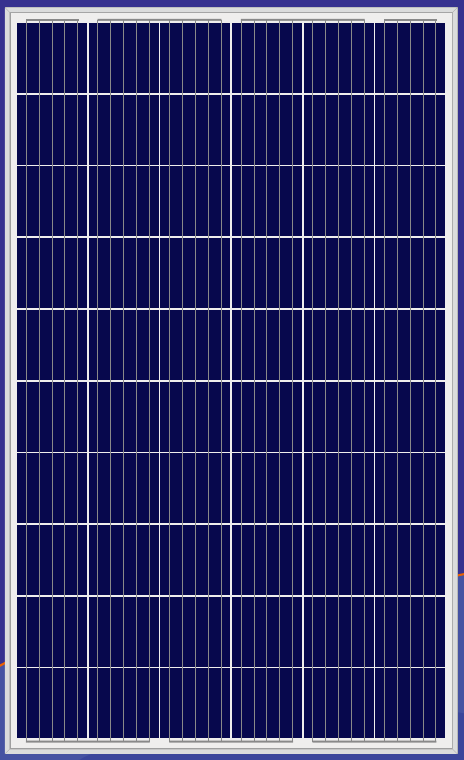
Standard PV Module

Poly

DHP60

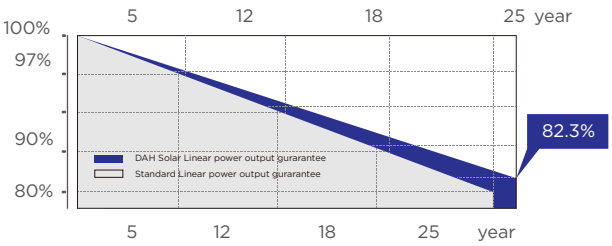
265W-280W

Standard PV module is composed by a plurality of monocrystalline or polycrystalline cells in series (generally 60cells and 72 cells), combined with two layers of EVA ,glass, backsheet and frame. It has very stable power generation efficiency between 17% and 19%. Due to factors such as stability, safety, and excellent price, Standard PV modules are widely used in industrial and commercial roofs, ground power stations, household and poverty alleviation power stations.



QUALITY GUARANTEE

LINEAR POWER OUTPUT GUARANTEE



12 years — 12-year material & technology warranty

25 years — 25-year linear power output warranty

0~+5W	17.12%
Positive Tolerance	Max Module Eff.(%)

PRODUCT PERFORMANCE ADVANTAGE

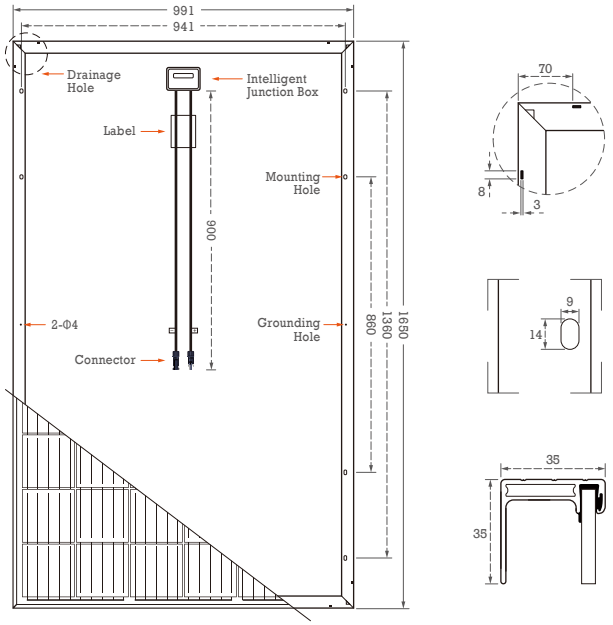
- Select Grade A crystalline silicon solar cells, high-power output with cost-effective
- Preferred packaging materials and strict process technology, excellent PID free performance
- Certified by Dust-Sand,Salt-Mist, Ammonia etc. weather resistance tests, strong environmental adaptability
- Highly transparent coated tempered glass to increase light absorption and reduce power loss
- Optimized frame design to improve PV module load capacity and appearance protection

DAH Solar

SMART SOLAR SYSTEM

Standard PV Module
DHP60 265W-280W

Design



Mechanical Specification

Cells Type	Poly 156.75×156.75mm
Weight	18.6kg
Dimension (L×W×T)	1650×991×35mm
Output Cables	TUV, Length 900mm, 4.0mm²
No.of Cells	60 (6×10)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	QC4
Packing	30pcs/pallet, 400pcs/20GP, 924pcs/40HQ

Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85℃
Maximum series fuse rating	20A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45℃±2℃
Application level	Class A

Electrical Characteristics(STC)

Module Type	DHP60-265W	DHP60-270W	DHP60-275W	DHP60-280W
Maximum Power (Pmax)	265W	270W	275W	280W
Open-circuit Voltage (Voc)	38.3V	38.4V	38.5V	38.7V
Maximum Power Voltage (Vmp)	30.8V	30.9V	31.1V	31.4V
Short-circuit Current (Isc)	9.10A	9.18A	9.25A	9.34A
Maximum Power Current (Imp)	8.61A	8.74A	8.85A	8.92A
Module Efficiency (%)	16.21%	16.51%	16.82%	17.12%
Power Tolerance	0~+5W			
Temperature Coeffcient of Isc	0.05%/℃			
Temperature Coeffcient of Voc	-0.32%/℃			
Temperature Coeffcient of Pmax	-0.41%/℃			
Standard Test Environment	Irradiance 1000w/m², Cell temperature 25℃, Spectrum AM1.5			

Electrical Characteristics(NOCT)

Module Type	DHP60-265W	DHP60-270W	DHP60-275W	DHP60-280W
Maximum Power (Pmax)	197W	200W	204W	207W
Open-circuit Voltage (Voc)	35.5V	35.6V	35.7V	35.8V
Maximum Power Voltage (Vmp)	28.6V	28.7V	28.9V	29.1V
Short-circuit Current (Isc)	7.35A	7.41A	7.47A	7.54A
Maximum Power Current (Imp)	6.89A	6.97A	7.06A	7.15A
Standard Test Environment	Irradiance 800w/m², Cell temperature 20℃, Spectrum AM1.5, Wind speed 1m/s			

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