

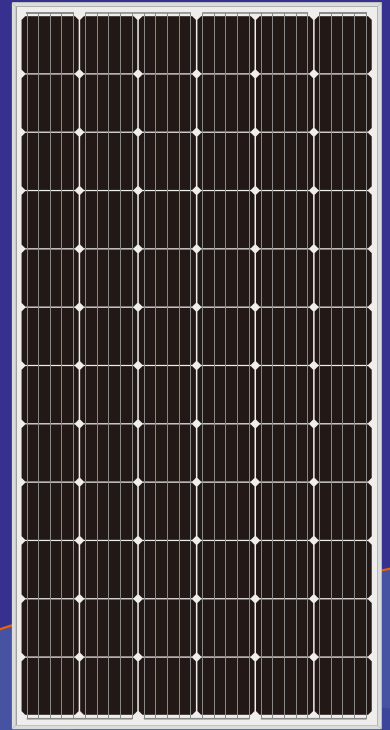
Perc PV Module

Mono

DHM72

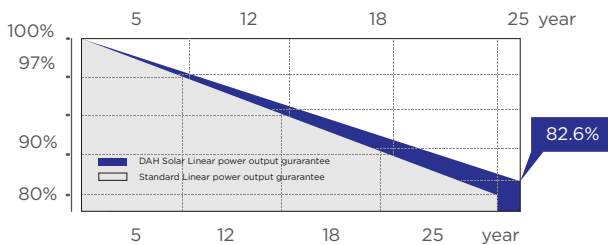
350W-370W

The Perc PV module uses a passivated emitter and a back-domain contact cell to make a layer of aluminum oxide + silicon nitride on the back side of the regular cells, and then laser-opening the film. The film-opening part uses a special aluminum paste. Mono Perc modules currently have a power generation conversion efficiency of over 21%. Perc technology uses silicon nitride or aluminum oxide to form a passivation layer on the reverse side of the cells. As a back reflector, it increases the absorption of long-wave light, maximizes the potential difference between P-N poles, and reduces electron recombination, thereby improving cells efficiency.



QUALITY GUARANTEE

LINEAR POWER OUTPUT GUARANTEE



10
years

10-year material & technology warranty

25
years

25-year linear power output warranty

0~+5W

Positive Tolerance

19.04%

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



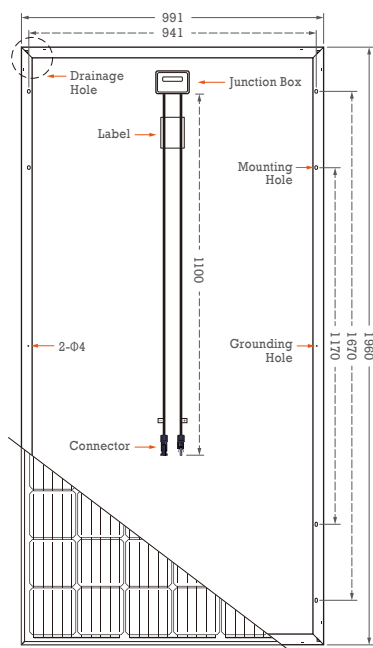
Optimized frame design to improve PV module load capacity and appearance protection



Perc PV Module

DHM72 350W-370W

Design



Mechanical Specification

Cells Type	Mono 156.75×156.75mm
Weight	22.5kg
Dimension (L×W×T)	1960×991×40mm
Output Cables	TUV, Length 1100mm, 4.0mm ²
No.of Cells	72 (6×12)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	QC4
Packing	27pcs/pallet, 270pcs/20GP, 696pcs/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	DHM72-350W	DHM72-355W	DHM72-360W	DHM72-365W	DHM72-370W
Maximum Power (Pmax)	350W	355W	360W	365W	370W
Open-circuit Voltage (Voc)	46.9V	47.0V	47.2V	47.4V	47.6V
Maximum Power Voltage (Vmp)	38.6V	38.8V	38.9V	39.1V	39.3V
Short-circuit Current (Isc)	9.60A	9.69A	9.76A	9.82A	9.91A
Maximum Power Current (Imp)	9.07A	9.15A	9.26A	9.34A	9.42A
Module Efficiency (%)	18.01%	18.27%	18.53%	18.79%	19.04%
Power Tolerance	0~+5W				
Temperature Coefficient of Isc	0.05%/℃				
Temperature Coefficient of Voc	-0.32%/℃				
Temperature Coefficient of Pmax	-0.41%/℃				
Standard Test Environment	Irradiance 1000w/m ² , Cell temperature 25℃, Spectrum AM1.5				

Electrical Characteristics(NOCT)

Module Type	DHM72-350W	DHM72-355W	DHM72-360W	DHM72-365W	DHM72-370W
Maximum Power(Pmax)	262W	266W	270W	274W	278W
Open-circuit Voltage(Voc)	43.8V	44.1V	44.4V	44.7V	45.0V
Maximum Power Voltage(Vmp)	35.8V	36.0V	36.3V	36.6V	36.9V
Short-circuit Current(Isc)	7.74A	7.81A	7.86A	7.92A	7.98A
Maximum Power Current(Imp)	7.32A	7.37A	7.44A	7.49A	7.54A
Standard Test Environment	Irradiance 800w/m ² , Cell temperature 20℃, Spectrum AM1.5, Wind speed 1m/s				