

Perc Mono PV Module

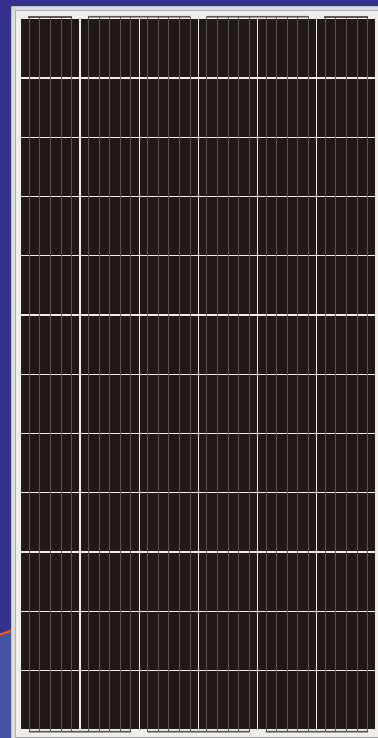
Mono



158.75^{mm}

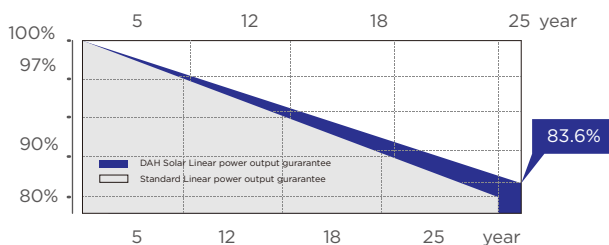
DHM72X

360W-380W



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

19.16%

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



Excellent low-light performance, increasing power generation efficiency in cloudy, morning and evening



Top runner of smart PV module

Factory Address: No.358 Tianhe Road, Luyang Industrial Park, Hefei City, Anhui, China

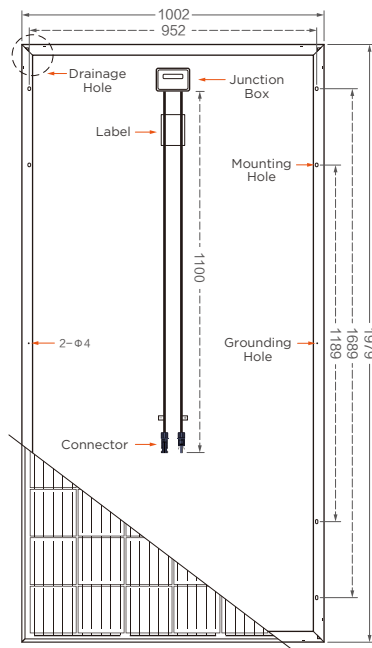
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Perc Mono PV Module

DHM72X 360W-380W

Design



Mechanical Specification

Cells Type	Mono 158.75×158.75mm
Weight	22.5kg
Dimension (L×W×T)	1979×1002×40mm
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	MC4 or MC4 compatible
Packing	27pcs/pallet, 296pcs/20GP, 668pcs/40HQ

Operating Parameters

Maximum system voltage	1000V/1500V DC
Operating Temperature	-40 ~ +85℃
Maximum series fuse rating	16A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45℃±2℃
Application level	Class A

Electrical Characteristics(STC)

Module Type	DHM72X-360W	DHM72X-365W	DHM72X-370W	DHM72X-375W	DHM72X-380W
Maximum Power (Pmax)	360W	365W	370W	375W	380W
Open-circuit Voltage (Voc)	47.9V	48.2V	48.4V	48.6V	48.8V
Maximum Power Voltage (Vmp)	39.4V	39.7V	39.9V	40.2V	40.4V
Short-circuit Current (Isc)	9.48A	9.56A	9.64A	9.71A	9.78A
Maximum Power Current (Imp)	9.14A	9.20A	9.28A	9.33A	9.39A
Module Efficiency (%)	18.15%	18.41%	18.66%	18.91%	19.16%
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	DHM72X-360W	DHM72X-365W	DHM72X-370W	DHM72X-375W	DHM72X-380W
Maximum Power (Pmax)	270W	274W	278W	282W	286W
Open-circuit Voltage (Voc)	46.6V	46.8V	47.0V	47.2V	47.4V
Maximum Power Voltage (Vmp)	36.3V	36.5V	36.7V	36.9V	37.1V
Short-circuit Current (Isc)	7.62A	7.68A	7.75A	7.82A	7.89A
Maximum Power Current (Imp)	7.44A	7.51A	7.58A	7.65A	7.72A
Standard Test Environment	Irradiance 800w/m ² , Cell temperature 20℃, Spectrum AM1.5, Wind speed 1m/s				