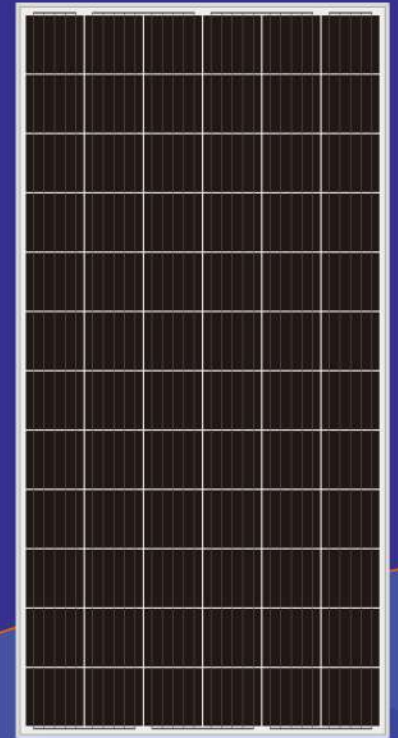


Perc Mono PV Module

Mono

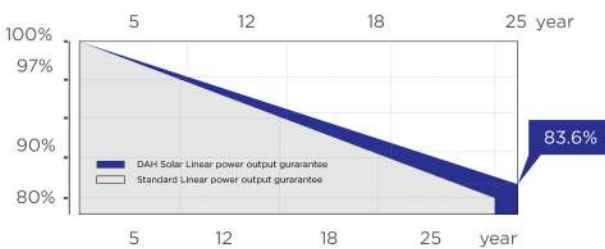
158.75mm

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.(%)

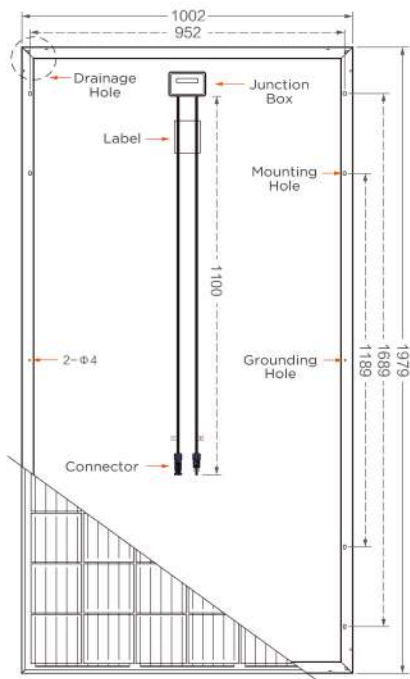
PRODUCT PERFORMANCE ADVANTAGE

- 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

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°C
Maximum series fuse rating	16A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

Electrical Characteristics(STC)

Module Type	DHM72X-360W	DHM72X-365W	DHM72X-370W	DHM72X-375W	DHM72X-380W
Maximum Power (P _{max})	360W	365W	370W	375W	380W
Open-circuit Voltage (V _{oc})	47.9V	48.2V	48.4V	48.6V	48.8V
Maximum Power Voltage (V _{mp})	39.4V	39.7V	39.9V	40.2V	40.4V
Short-circuit Current (I _{sc})	9.48A	9.56A	9.64A	9.71A	9.78A
Maximum Power Current (I _{mp})	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 I _{sc}	0.05%/°C				
Temperature Coefficient of V _{oc}	-0.32%/°C				
Temperature Coefficient of P _{max}	-0.41%/°C				
Standard Test Environment	Irradiance 1000w/m ² , Cell temperature 25°C, Spectrum AM1.5				

Electrical Characteristics(NOCT)

Module Type	DHM72X-360W	DHM72X-365W	DHM72X-370W	DHM72X-375W	DHM72X-380W
Maximum Power (P _{max})	270W	274W	278W	282W	286W
Open-circuit Voltage (V _{oc})	46.6V	46.8V	47.0V	47.2V	47.4V
Maximum Power Voltage (V _{mp})	36.3V	36.5V	36.7V	36.9V	37.1V
Short-circuit Current (I _{sc})	7.62A	7.68A	7.75A	7.82A	7.89A
Maximum Power Current (I _{mp})	7.44A	7.51A	7.58A	7.65A	7.72A
Standard Test Environment	Irradiance 800w/m ² , Cell temperature 20°C, Spectrum AM1.5, Wind speed 1m/s				