

Mono Perc

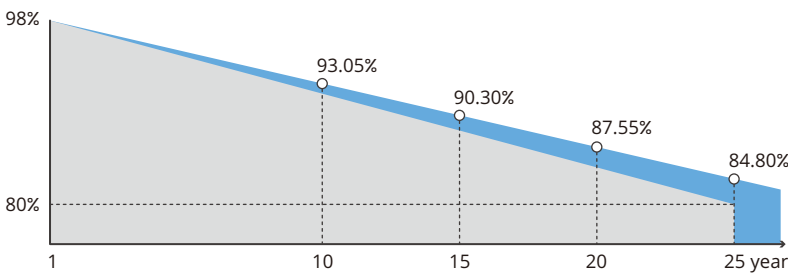
DHM-72L9(BW)

Half-Cell High Efficiency PV Module

Quality Guarantee

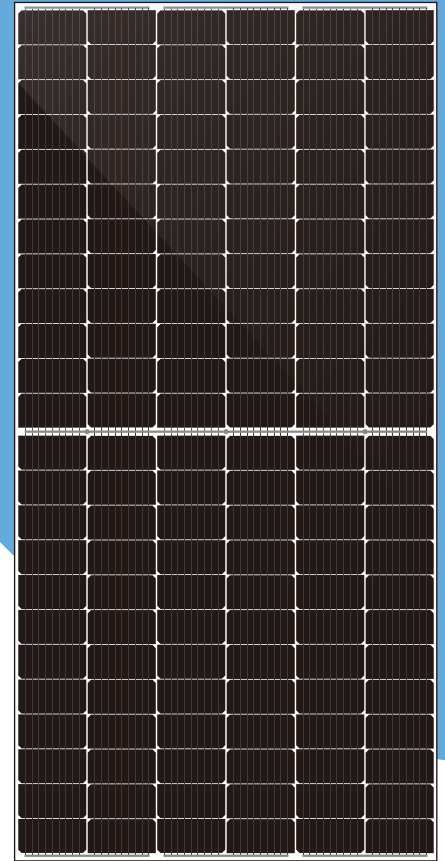
12-year Material & technology warranty

25-year Linear power output warranty



DAH Solar linear power output guarantee

Standard linear power output guarantee



445~455 W

Max
Module
Efficiency

20.93%



Optimal Process Design

166mm+9BB+Half-cut, higher power output



Select Grade A Crystalline Silicon Solar Cells

Grade A crystalline silicon solar cells make high-power output with cost-effective



Stable Generation Performance

Guaranteed 0~+5W positive tolerance and slower power attenuation: first year ≤2%, 0.55% per year from 2-25



Process Upgraded

Lower risk of hot spot and stronger anti-PID ability



Higher Power Gains and Lower Losses

Excellent low irradiance performance and low shadow loss



Strong Environmental Adaptability and Great Durability

Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pa) and snow load (5400 Pa)

Comprehensive Products and System Certificates



IEC 61215 / IEC 61730 / CE / FIDE / INMETRO

ISO 45001-

2018/International standards for occupational health & safety

ISO 14001-

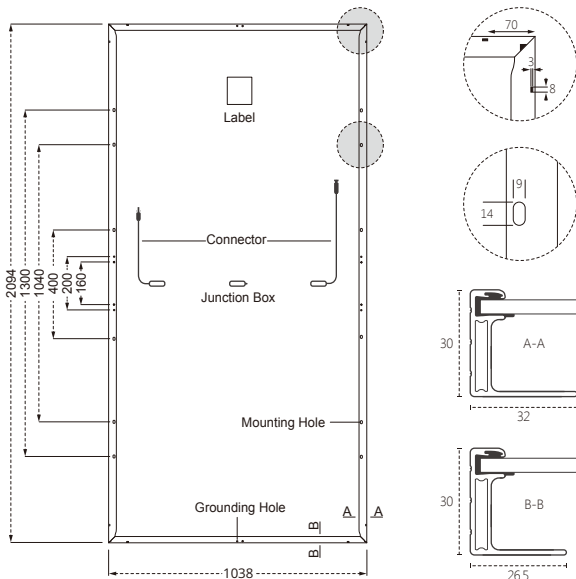
2015/Standards for environmental management system

ISO 9001-

2015/Quality management system

DHM-72L9(BW)-445~455W

Design



Mechanical Specification

Cells Type
Mono 166×83mm

Weight
23.5kg

Cable
(Including connector)
No. of Cells
Glass
Junction box
Connector

Dimension (L×W×T)
2094×1038×30mm

Packing
36pcs/pallet, 792pcs/40HQ

4.0mm², Portrait: 300mm(+)/400mm(-)
Landscape: 1400mm(+)/1400mm(-)
144 (6×24)
3.2mm High Transmission, Antireflection Coating
IP68, 3 Bypass Diodes
MC4 Compatible

Operating Parameters

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

STC-Electrical Characteristics

| Module Type | DHM-72L9(BW) | | |
|---|--------------|-----------|-------|
| Maximum Power (P _{max}) | 445 | 450 | 455 |
| Open-circuit Voltage (V _{oc}) | 49.15 | 49.30 | 49.45 |
| Maximum Power Voltage (V _{mp}) | 41.96 | 42.11 | 42.26 |
| Short-circuit Current (I _{sc}) | 11.32 | 11.35 | 11.38 |
| Maximum Power Current (I _{mp}) | 10.61 | 10.69 | 10.77 |
| Module Efficiency (%) | 20.47 | 20.70 | 20.93 |
| Temperature Coefficient of I _{sc} | | 0.05%/°C | |
| Temperature Coefficient of V _{oc} | | -0.31%/°C | |
| Temperature Coefficient of P _{max} | | -0.35%/°C | |

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

NOCT-Electrical Characteristics

| | | | |
|--|------|------|------|
| Maximum Power (P _{max}) | 331 | 335 | 339 |
| Open-circuit Voltage (V _{oc}) | 46.1 | 46.2 | 46.4 |
| Maximum Power Voltage (V _{mp}) | 39.4 | 39.5 | 39.6 |
| Short-circuit Current (I _{sc}) | 9.15 | 9.17 | 9.20 |
| Maximum Power Current (I _{mp}) | 8.41 | 8.48 | 8.54 |

Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

I-V Curve DHM-72L9(BW)-455W

