

Mono Perc

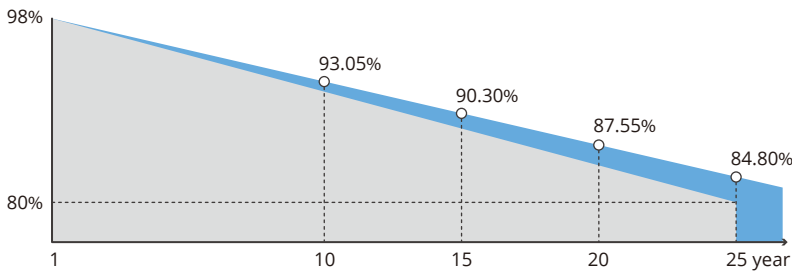
DHM-60L9

Half-Cell High Efficiency PV Module

Quality Guarantee

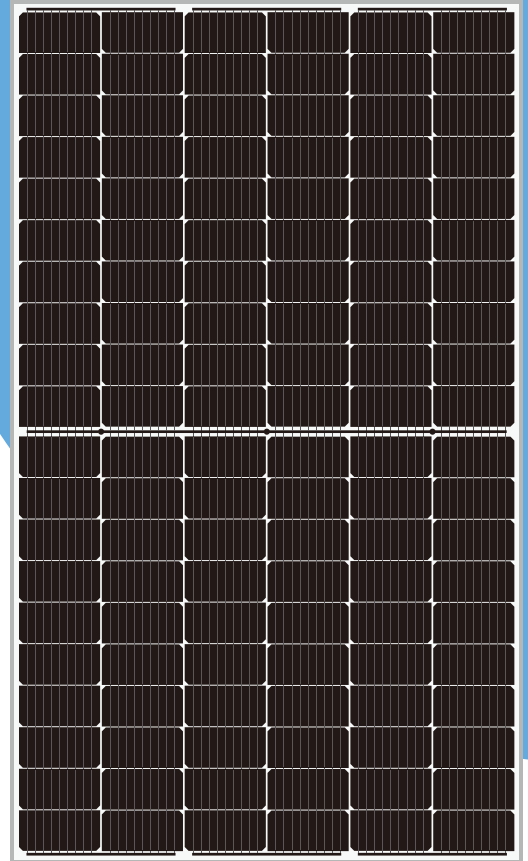
12-year Material & technology warranty

25-year Linear power output warranty



DAH solar linear power output guarantee

Standard linear power output guarantee



360~390W^{0 ~ +5W}

Max
Module
Efficiency

21.41%

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 Pascal) and snow load (5400 Pascal)

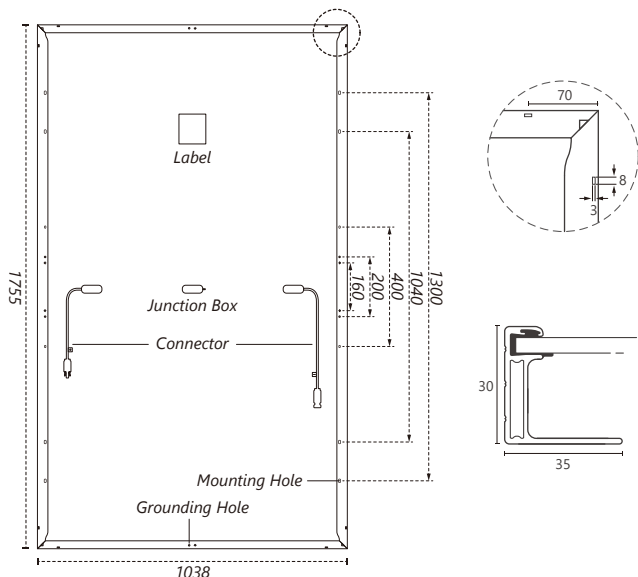
Comprehensive Products and System Certificates



IEC 61215 / IEC 61730 / CE / INMETRO
ISO 9001-
2015/Quality management system
ISO 14001-
2015/Standards for environmental management system
OHSAS 18001-
2007/International standards for occupational health & safety

DHM-60L9 360~390W

Design



Mechanical Specification

Cells Type
Mono 166×83mm

Weight
20kg

Cable
(Including connector)

No. of Cells

Glass

Junction box

Connector

Dimension (L×W×T)
1755×1038×30mm

Packing
36pcs/pallet, 936pcs/40HQ

4.0mm², Portrait: 300mm(+)/400mm(-)

Landscape: 1400mm(+)/1400mm(-)

120 (6×20)

3.2mm High Transmission, Antireflection Coating

IP68, 3 Bypass Diodes

MC4 Compatible

Operating Parameters

| | |
|------------------------------------|----------------|
| Maximum system voltage | 1000V/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-60L9 | | | | | | |
|---|-----------|--------|--------|--------|--------|--------|--------|
| Maximum Power (P _{max}) | 360W | 365W | 370W | 375W | 380W | 385W | 390W |
| Open-circuit Voltage (V _{oc}) | 40.6V | 40.8V | 41.0V | 41.2V | 41.4V | 41.6V | 41.8V |
| Maximum Power Voltage (V _{mp}) | 33.8V | 34.0V | 34.2V | 34.4V | 34.6V | 34.8V | 35.0V |
| Short-circuit Current (I _{sc}) | 11.24A | 11.30A | 11.36A | 11.42A | 11.48A | 11.54A | 11.60A |
| Maximum Power Current (I _{mp}) | 10.65A | 10.74A | 10.82A | 10.90A | 10.98A | 11.06A | 11.14A |
| Module Efficiency (%) | 19.76% | 20.04% | 20.31% | 20.59% | 20.86% | 21.13% | 21.41% |
| 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}) | 271W | 274W | 278W | 282W | 286W | 289W | 293W |
| Open-circuit Voltage (V _{oc}) | 38.4V | 38.6V | 38.8V | 39.0V | 39.2V | 39.4V | 39.6V |
| Maximum Power Voltage (V _{mp}) | 32.0V | 32.2V | 32.4V | 32.6V | 32.7V | 32.9V | 33.1V |
| Short-circuit Current (I _{sc}) | 9.07A | 9.12A | 9.17A | 9.22A | 9.26A | 9.31A | 9.36A |
| Maximum Power Current (I _{mp}) | 8.46A | 8.53A | 8.59A | 8.66A | 8.72A | 8.79A | 8.85A |

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

I-V Curve (DHM-60L9-370W)

