

Mono Perc

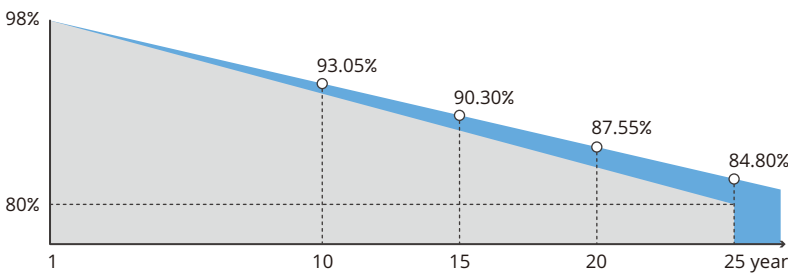
# DHM-66L9(BW)

Half-Cell High Efficiency PV Module

## Quality Guarantee

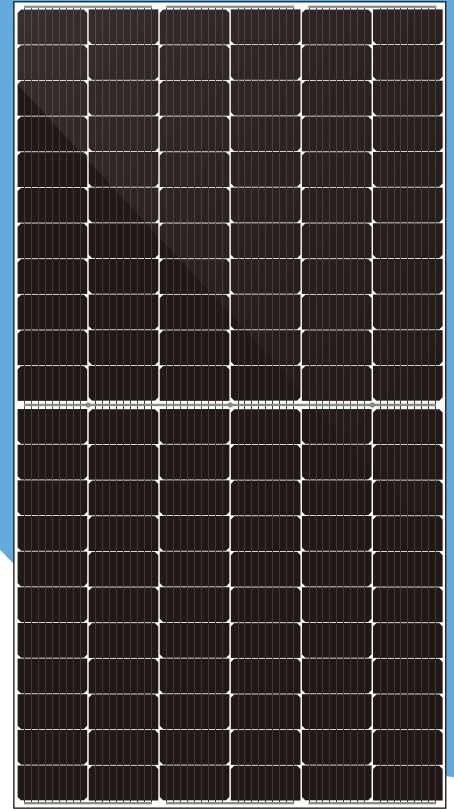
**12-year** Material & technology warranty

**25-year** Linear power output warranty



DAH Solar linear power output guarantee

Standard linear power output guarantee



# 405~420W

Max  
Module  
Efficiency

**21.03%**



### 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  $\leq 2\%$ , 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-

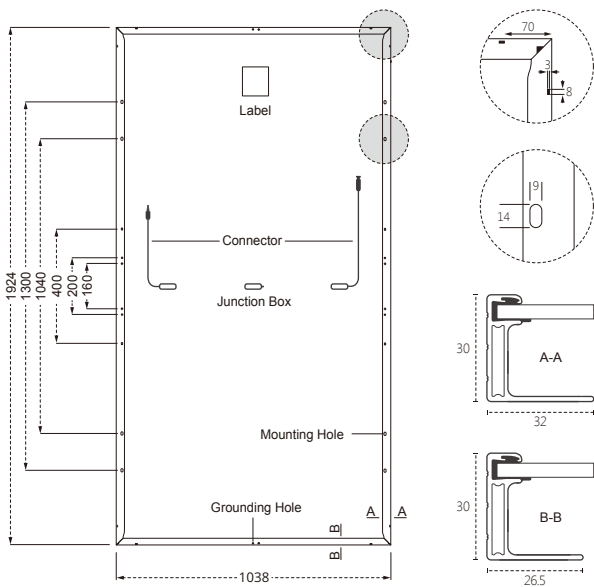
2015/Standards for environmental management system

ISO 9001-

2015/Quality management system

# DHM-66L9(BW)-405~420W

## Design



## Mechanical Specification

Cells Type  
**Mono 166×83mm**

Weight  
**22kg**

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

Dimension (L×W×T)  
**1924×1038×30mm**

Packing  
**36pcs/pallet, 864pcs/40HQ**

4.0mm<sup>2</sup>, Portrait: 300mm(+)/400mm(-)  
Landscape: 1400mm(+)/1400mm(-)  
132 (6×22)  
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-66L9(BW)			
Maximum Power (Pmax)	405	410	415	420
Open-circuit Voltage (Voc)	45.0	45.2	45.4	45.6
Maximum Power Voltage (Vmp)	37.4	37.6	37.8	38.0
Short-circuit Current (Isc)	11.30	11.36	11.42	11.48
Maximum Power Current (Imp)	10.83	10.90	10.98	11.05
Module Efficiency (%)	20.28	20.53	20.78	21.03
Temperature Coefficient of Isc		0.05%/°C		
Temperature Coefficient of Voc		-0.31%/°C		
Temperature Coefficient of Pmax		-0.35%/°C		

Standard Test Environment : Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5

## NOCT-Electrical Characteristics

Maximum Power (Pmax)	301	305	309	312
Open-circuit Voltage (Voc)	42.2	42.4	42.6	42.8
Maximum Power Voltage (Vmp)	35.1	35.3	35.5	35.6
Short-circuit Current (Isc)	9.13	9.18	9.23	9.28
Maximum Power Current (Imp)	8.59	8.65	8.71	8.77

Standard Test Environment : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

## I-V Curve DHM-66L9(BW)-415W

