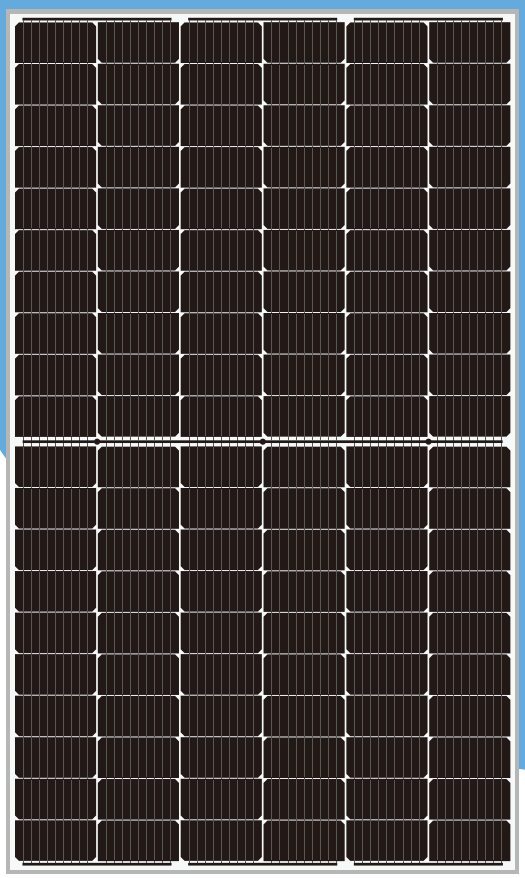
DAH Solar

Mono Perc

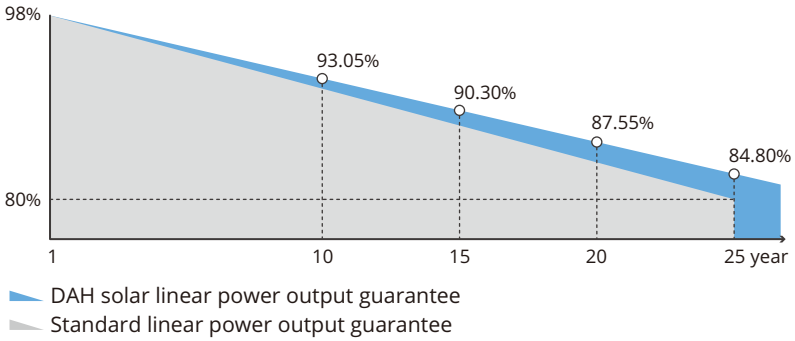
DHM-60L9

Half-Cell High Efficiency PV Module



Quality Guarantee

12-year Material & technology warranty
25-year Linear power output warranty



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
PID Resistant
Lower risk of hot spot and stronger anti-PID ablity

Higher Power Gains and Lower Losses
Excellent low irradiance performance and low shadow loss

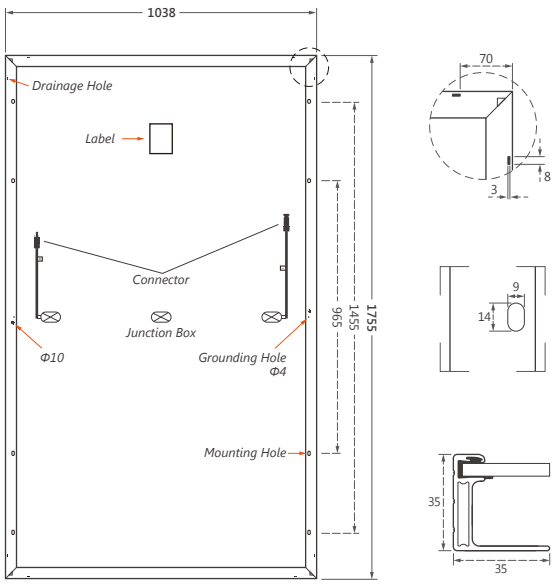
Strong Environmental Adaptability and Great Durability
2400Pa
5400Pa
Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pascal) and snow load (5400 Pascal)

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	**Dimension (L×W×T)**
Mono 166×83mm	**1755×1038×35mm**
Weight	**Packing**
20kg	**31pcs/pallet, 806pcs/40HQ**
Cable	4.0mm², Portrait: 300mm(+)/400mm(-)
(Including connector)	Landscape: 1400mm(+)/1400mm(-)
No.of Cells	120 (6×20)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	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 (Pmax)	360W	365W	370W	375W	380W	385W	390W
Open-circuit Voltage (Voc)	40.6V	40.8V	41.0V	41.2V	41.4V	41.6V	41.8V
Maximum Power Voltage (Vmp)	33.8V	34.0V	34.2V	34.4V	34.6V	34.8V	35.0V
Short-circuit Current (Isc)	11.24A	11.30A	11.36A	11.42A	11.48A	11.54A	11.60A
Maximum Power Current (Imp)	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 Isc				0.05%/°C			
Temperature Coefficient of Voc				-0.31%/°C			
Temperature Coefficient of Pmax				-0.35%/°C			

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

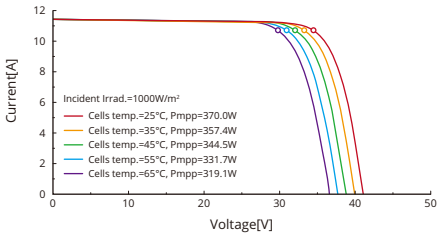
NOCT-Electrical Characteristics

Maximum Power (Pmax)	271W	274W	278W	282W	286W	289W	293W
Open-circuit Voltage (Voc)	38.4V	38.6V	38.8V	39.0V	39.2V	39.4V	39.6V
Maximum Power Voltage (Vmp)	32.0V	32.2V	32.4V	32.6V	32.7V	32.9V	33.1V
Short-circuit Current (Isc)	9.07A	9.12A	9.17A	9.22A	9.26A	9.31A	9.36A
Maximum Power Current (Imp)	8.46A	8.53A	8.59A	8.66A	8.72A	8.79A	8.85A

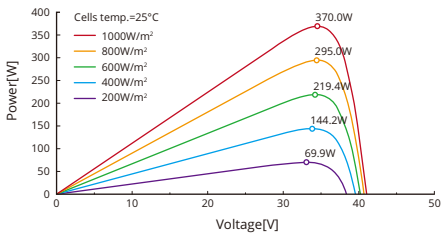
Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

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

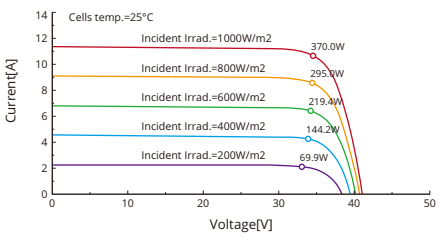
Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve



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