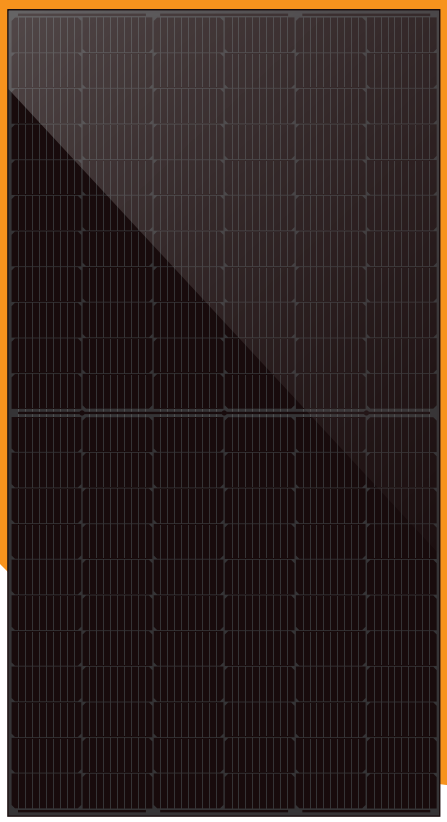
DAH Solar

Mono Perc

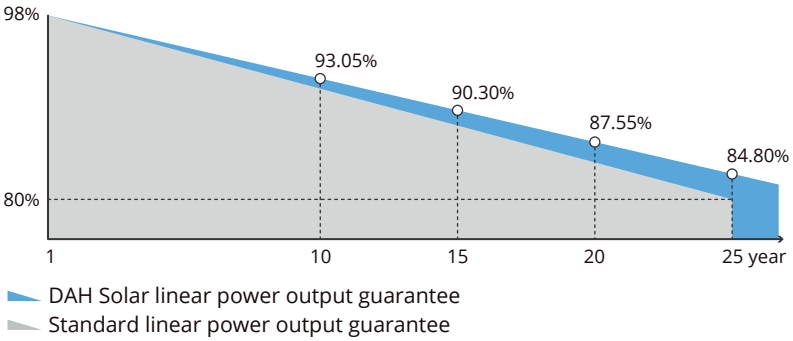
DHM-66L9(BB)

Half-Cell High Efficiency PV Module



Quality Guarantee

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



405~420 W

Max Modul Effizienz

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 ≤2%, 0.55% per year from 2-25

Process Upgraded
Lower risk of hot spot and stronger anti-PID ablity

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

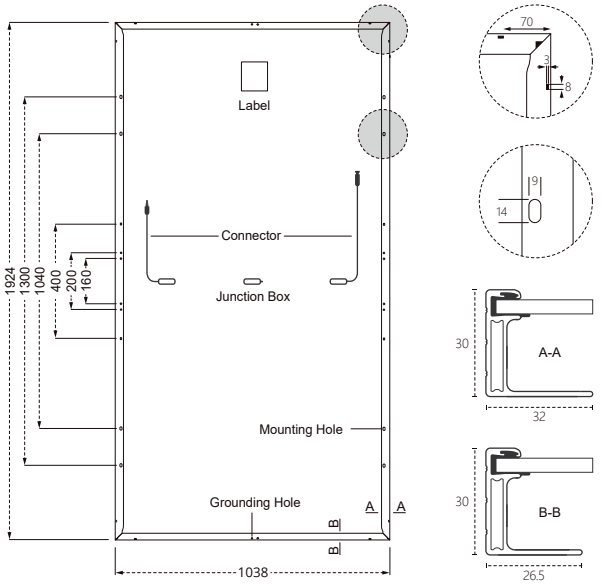
Strong Environmental Adaptability and Great Durability
Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pa) and snow load (5400 Pa)

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(BB)-405~420W

Design



Mechanical Specification

Cells Type	Dimension (L×W×T)
Mono 166×83mm	1924×1038×30mm
Weight	Packing
22kg	36pcs/pallet, 864pcs/40HQ
Cable (Including connector)	4.0mm², Portrait: 300mm(+)/400mm(-) Landscape: 1400mm(+)/1400mm(-)
No.of Cells	132 (6×22)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	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(BB)			
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		

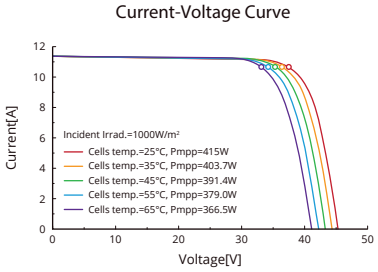
Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

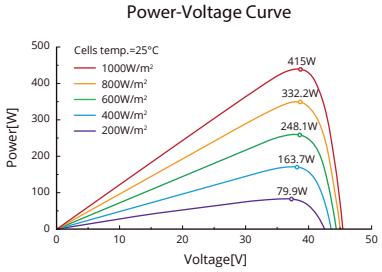
NOCT- Electrical Characteristics

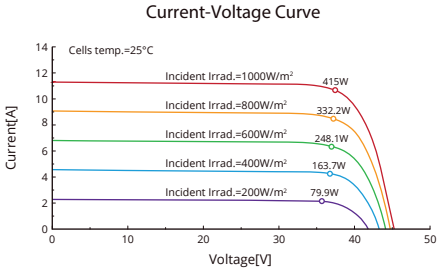
Maximum Power (Pmax)	301	305	309	312
Open-circuit Voltage (Voc)	42.2	42.4	42.6	42.8
Maximum Power Voltage (Vmp)	35.1	35.3	35.5	35.6
Short-circuit Current (Isc)	9.13	9.18	9.23	9.28
Maximum Power Current (Imp)	8.59	8.65	8.71	8.77

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

I-V Curve DHM-66L9(BB)-415W







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