

Mono Perc

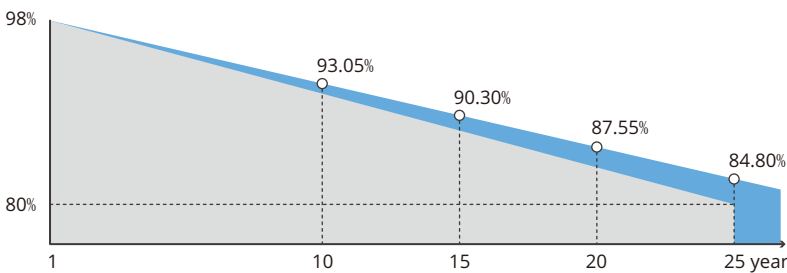
DHM-66L9

Half-Cell High Efficiency PV Module

Quality Guarantee

25-year Material & technology warranty

25-year Linear power output warranty

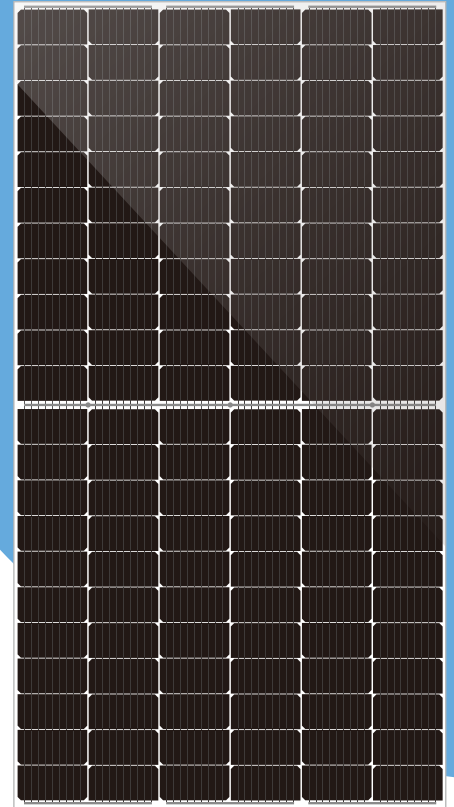


DAH Solar linear power output guarantee

Standard linear power output guarantee

Fire safety class:

Class C according to ANSI/UL 1703-2018(as per ANSI/UL 790-2018)



DHM-66L9-410W

DHM-66L9-415W

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 ≤2%, 0.55% per year from 2-25



Higher Power Gains and Lower Losses

Excellent low irradiance performance and low shadow loss

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

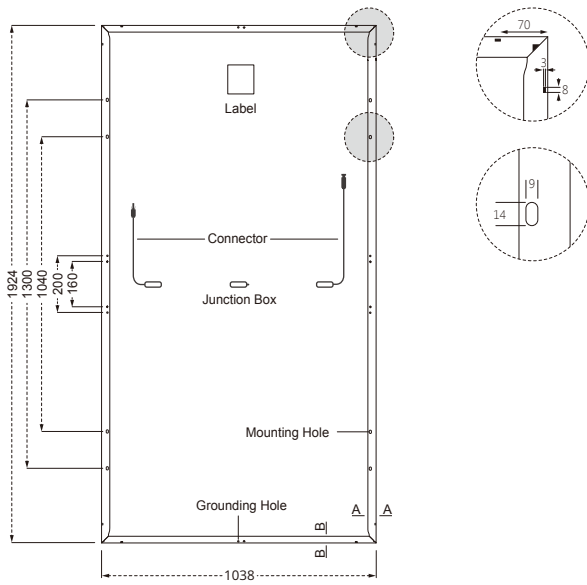
ISO 9001-

2015/Quality management system

*Subject to the terms and conditions contained in the applicable Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.

DHM-66L9-405~420W

Design



Mechanical Specification

Cells Type	Mono 166×83mm	Dimension (L×W×T)	1924×1038×30mm
Weight	22kg	Packing	36pcs/pallet, 864pcs/40HQ
Cable (Including connector)	4.0mm ² , Portrait: 300mm(+)/400mm(-)		
No. of Cells	132 (6×22)		
Glass	3.2mm High Transmission, Antireflection Coating		
Junction box	IP68, 3 Bypass Diodes		
Connector	PV5e, Changshu Friends Connector Technology Co.,Ltd, Customized Connectors		

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-66L9-410W	DHM-66L9-415W
Maximum Power (P _{max})	410	415
Open-circuit Voltage (V _{oc})	45.2	45.4
Maximum Power Voltage (V _{mp})	37.6	37.8
Short-circuit Current (I _{sc})	11.36	11.42
Maximum Power Current (I _{mp})	10.90	10.98
Module Efficiency (%)	20.53	20.78
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

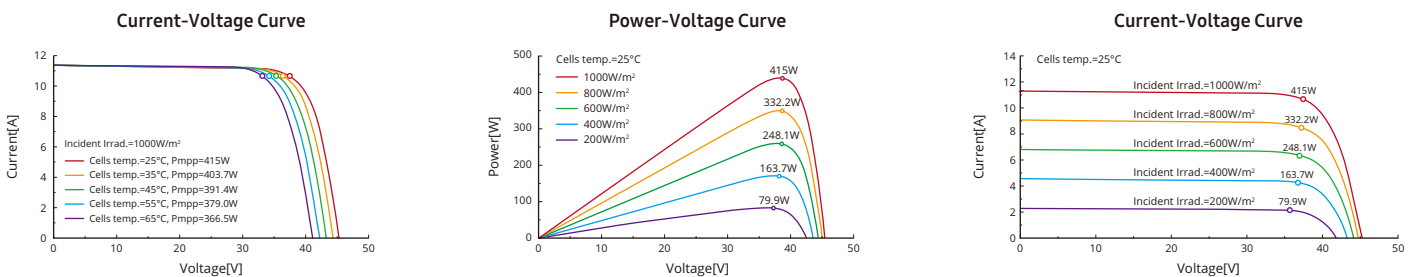
Tolerances : P_{max}±3%, V_{oc}±3%, I_{sc}±3%

NOCT-Electrical Characteristics

Maximum Power (P _{max})	305	309
Open-circuit Voltage (V _{oc})	42.4	42.6
Maximum Power Voltage (V _{mp})	35.3	35.5
Short-circuit Current (I _{sc})	9.18	9.23
Maximum Power Current (I _{mp})	8.65	8.71

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

I-V Curve DHM-66L9-415W



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