



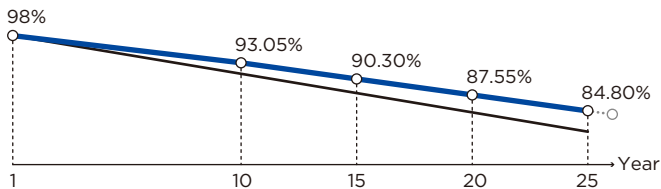
DHM-60X10/FS
450~470W

Full Screen *NO RESIDUE OF WATER & DUST*

Silver Frame or Full Black design are customizable >>>

Quality Guarantee

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



- DAH Solar Linear power output guarantee
- Standard Linear power output guarantee

Comprehensive Products & 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



Increase power generation by 6.15%+
Panel is capable to decrease power generation loss caused by Dust, reduce the hot spot risk.



Curved Surface 128° R Angle
Reduce holding pressure by 75%+
Curved Frame with ergonomic Design, optimized Delivery and Installation Experience.



Revolutionary Packaging Technology
Using excellent frame packaging technology,
Strong Adhesion, Durable in Use.



Excellent mechanical load capacity
Certified by Dust-Sand, Salt-Mist, Ammonia etc.
weather resistance tests and enhanced mechanical load: wind load (2400 Pascal) and snow load (5400 Pascal).

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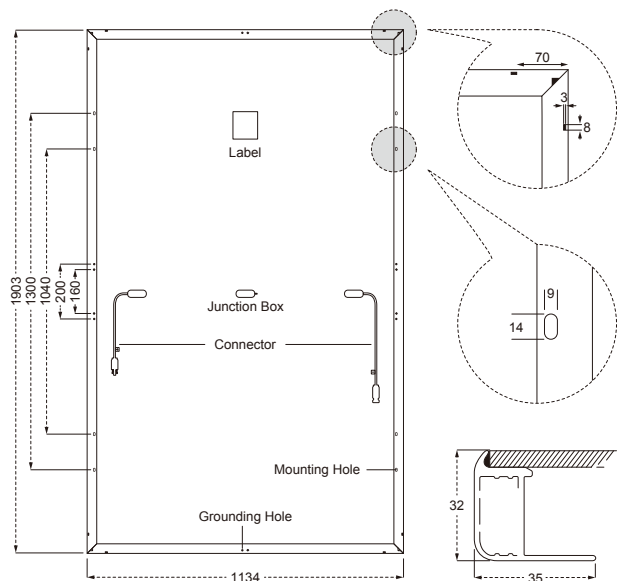
Mechanical Specification

Cable	4.0mm ² , 300/400mm in length,
(Including connector)	length can be customized
No.of Cells	120 (6×20)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	23.8kg
Cells Type	Mono 182×91mm
Dimension (L×W×T)	1903×1134×32mm
Packing	34pcs/pallet, 816pcs/40HQ

Operating Parameters

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	25A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

Design



STC — Electrical Characteristics

Module Type	DHM-60X10/FS				
Maximum Power (Pmax/W)	450	455	460	465	470
Open-circuit Voltage (Voc/V)	41.6	41.8	42.0	42.2	42.4
Maximum Power Voltage (Vmp/V)	35.2	35.4	35.6	35.8	36.0
Short-circuit Current (Isc/A)	13.66	13.72	13.78	13.84	13.90
Maximum Power Current (Imp/A)	12.78	12.85	12.92	12.99	13.06
Module Efficiency (%)	20.85	21.08	21.32	21.55	21.78

Power Tolerance: 0~+5, W 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/W)	450	455	460	465	470
Open-circuit Voltage (Voc/V)	39.4	39.6	39.7	39.9	40.1
Maximum Power Voltage (Vmp/V)	33.3	33.5	33.7	33.9	34.1
Short-circuit Current (Isc/A)	11.02	11.07	11.12	11.17	11.22
Maximum Power Current (Imp/A)	10.15	10.21	10.26	10.32	10.37

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

I-V Curve (DHM-60X10/FS-470W)

