



DHM-72X10/FS(BB)

540~550W

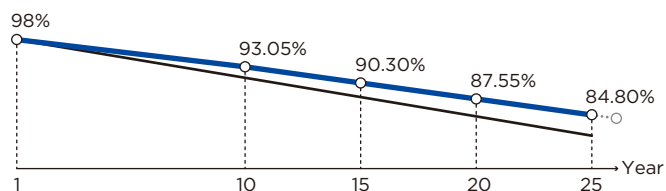
Full Screen

No Dust and Dirt on the Surface Increases Power Generation

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 Assembling Technology
Using excellent frame assembling 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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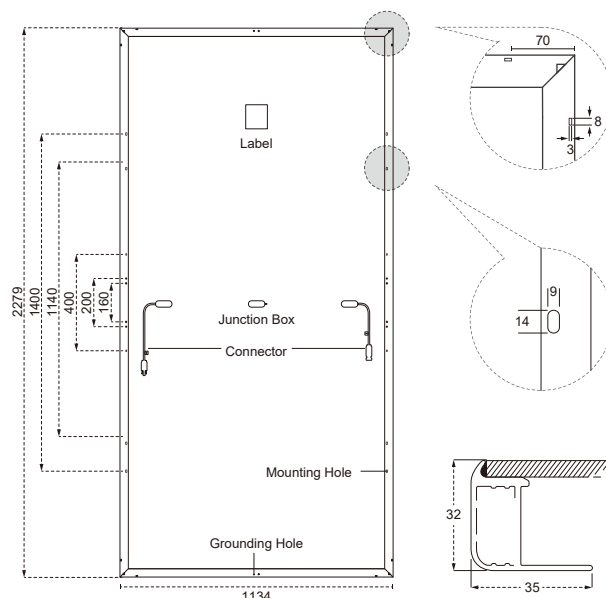
Mechanical Specification

Cable	4.0mm ² , 350/250mm in length,
(Including connector)	length can be customized
No. of Cells	144 (6×24)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	29kg
Cells Type	Mono 182×91mm
Dimension (L×W×T)	2279×1134×32mm
Packing	34pcs/pallet, 680pcs/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-72X10/FS(BB)		
Maximum Power (P _{max} /W)	540	545	550
Open-circuit Voltage (V _{oc} /V)	49.8	50.0	50.2
Maximum Power Voltage (V _{mp} /V)	42.0	42.2	42.4
Short-circuit Current (I _{sc} /A)	13.66	13.72	13.78
Maximum Power Current (I _{mp} /A)	12.86	12.91	12.97
Module Efficiency (%)	20.89	21.09	21.30

Power Tolerance: 0~+5W, 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

NOCT — Electrical Characteristics

Maximum Power (P _{max} /W)	402	405	409
Open-circuit Voltage (V _{oc} /V)	46.7	46.9	47.1
Maximum Power Voltage (V _{mp} /V)	39.4	39.6	39.8
Short-circuit Current (I _{sc} /A)	11.04	11.09	11.13
Maximum Power Current (I _{mp} /A)	10.20	10.24	10.29

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

I-V Curve DHM-72X10/FS(BB)-550W

