



DHM-T72X10/FS

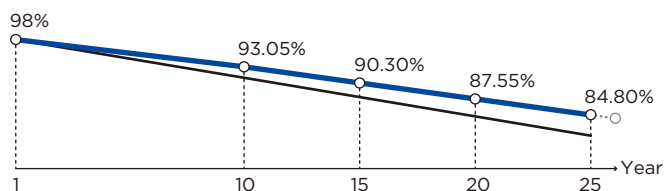
545~560W

Full Screen

No Dust and Dirt on the Surface Increase 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

 Low current, increase power generation
1/3 design, lower current and lower loss

 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 Pa) and snow load (5400 Pa).

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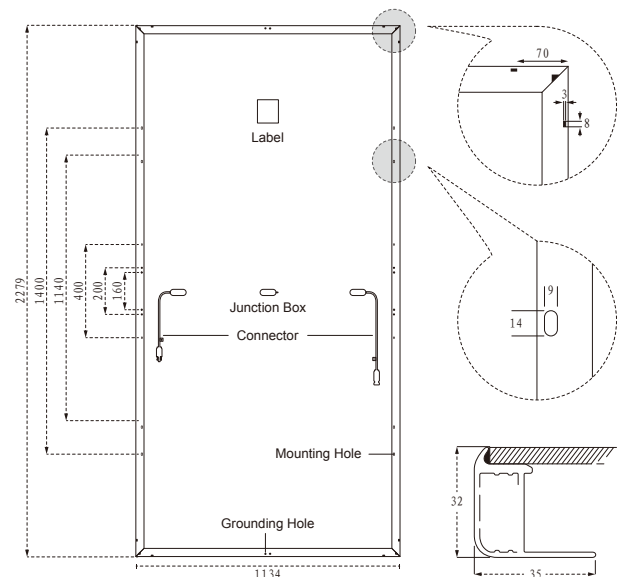
Mechanical Specification

Cable	4.0mm ² , 300/400mm in length,
(Including connector)	length can be customized
No. of Cells	216 (6×36)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	29kg
Cells Type	Mono 182×60.7mm
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	20A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	42°C±2°C
Application level	Class A

Design



STC — Electrical Characteristics

Module Type	DHM-T72X10/FS			
Maximum Power (P _{max} /W)	545	550	555	560
Open-circuit Voltage (V _{oc} /V)	74.5	74.7	74.9	75.1
Maximum Power Voltage (V _{mp} /V)	62.8	63.0	63.2	63.4
Short-circuit Current (I _{sc} /A)	9.25	9.31	9.37	9.43
Maximum Power Current (I _{mp} /A)	8.68	8.73	8.78	8.83
Module Efficiency (%)	21.09	21.28	21.48	21.67

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)	410	414	418	421
Open-circuit Voltage (V _{oc} /V)	70.6	70.8	71.0	71.1
Maximum Power Voltage (V _{mp} /V)	59.5	59.7	59.9	60.1
Short-circuit Current (I _{sc} /A)	7.47	7.52	7.57	7.62
Maximum Power Current (I _{mp} /A)	6.89	6.93	6.97	7.02

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

I-V Curve DHM-T72X10/FS-550W

