



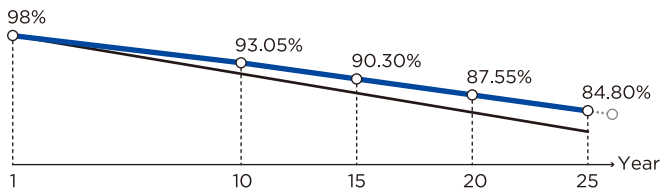
DHM-T72X10/FS  
**545~560W**

# Full Screen PV Module

**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



### No Water & Dust Accumulation, Increases Power Generation by 6-15%

Full-Screen PV Module has front frameless design, which decreases power loss and the O&M expenditures caused by the bottom dust shading.



### Low current, increases power generation

1/3 design, lower current and lower loss.



### Applied to All Mounting Scenarios

Full-Screen PV Module could apply to all the application scenarios, and the smaller angles of inclination, the higher power generation.



### Preeminent Weather Resistance

Certified by Dust-Sand Test, Salt Spray Test, Ammonia Test, which allows the module to keep an excellent performance under the extreme weather conditions.



### ±0.1mm Production Accuracy Technology

Using excellent frame sealing technology makes the production accuracy achieve ±0.1mm to ensure the IP68 Waterproof and the mechanical load (front side: 5400Pa; back side: 2400Pa). The ruggedness could compare with the architectural curtain wall.

# DHM-T72X10/FS

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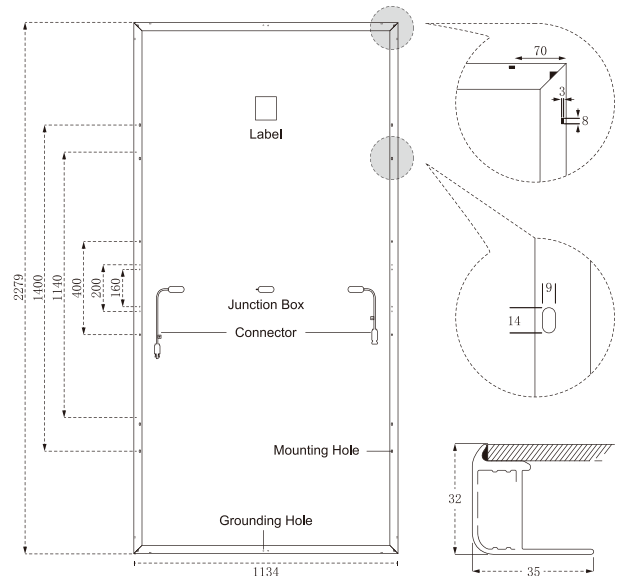
## Mechanical Specification

Cable	4.0mm <sup>2</sup> , 350/250mm 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 (Pmax/W)	545	550	555	560
Open-circuit Voltage (Voc/V)	74.5	74.7	74.9	75.1
Maximum Power Voltage (Vmp/V)	62.8	63.0	63.2	63.4
Short-circuit Current (Isc/A)	9.25	9.31	9.37	9.43
Maximum Power Current (Imp/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 Isc: 0.05%/°C, Temperature Coefficient of Voc: -0.31%/°C, Temperature Coefficient of Pmax: -0.35%/°C

Standard Test Environment : Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5

## NOCT — Electrical Characteristics

Maximum Power (Pmax/W)	410	414	418	421
Open-circuit Voltage (Voc/V)	70.6	70.8	71.0	71.1
Maximum Power Voltage (Vmp/V)	59.5	59.7	59.9	60.1
Short-circuit Current (Isc/A)	7.47	7.52	7.57	7.62
Maximum Power Current (Imp/A)	6.89	6.93	6.97	7.02

Standard Test Environment : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

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

