



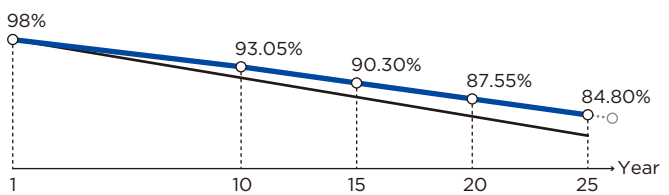
DHT-M72X10/FS  
**520~560W**

**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

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 Pascal) and snow load (5400 Pascal).

# DHT-M72X10/FS

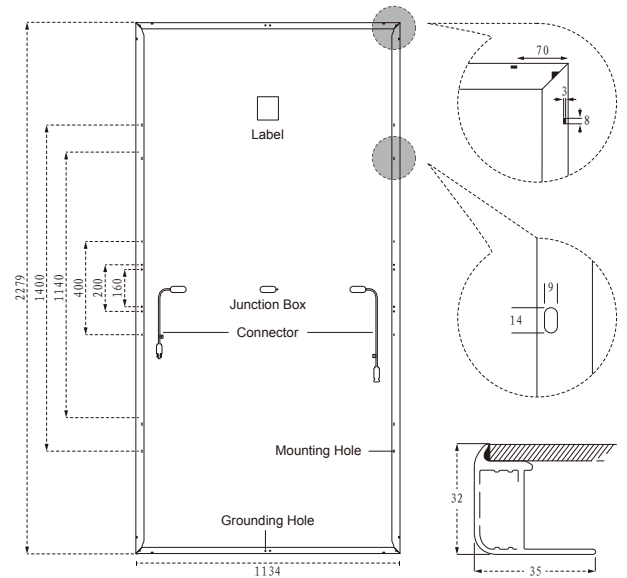
# 520~560W



## Mechanical Specification

Cable	4.0mm <sup>2</sup> , 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
<b>Weight</b>	<b>29kg</b>
<b>Cells Type</b>	<b>Mono 182×60.7mm</b>
<b>Dimension (L×W×T)</b>	<b>2279×1134×32mm</b>
<b>Packing</b>	<b>34pcs/pallet, 680pcs/40HQ</b>

## Design



## 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

## STC — Electrical Characteristics

Module Type	DHT-M72X10/FS									
Maximum Power (Pmax/W)	520	525	530	535	540	545	550	555	560	
Open-circuit Voltage (Voc/V)	73.5	73.7	73.9	74.1	74.3	74.5	74.7	74.9	75.1	
Maximum Power Voltage (Vmp/V)	61.8	62.0	62.2	62.4	62.6	62.8	63.0	63.2	63.4	
Short-circuit Current (Isc/A)	8.95	9.01	9.07	9.13	9.19	9.25	9.31	9.37	9.43	
Maximum Power Current (Imp/A)	8.41	8.47	8.52	8.57	8.63	8.68	8.73	8.78	8.83	
Module Efficiency (%)	20.12	20.31	20.51	20.70	20.89	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)	391	395	399	403	406	410	414	418	421
Open-circuit Voltage (Voc/V)	69.6	69.8	70.0	70.2	70.4	70.6	70.8	71.0	71.1
Maximum Power Voltage (Vmp/V)	58.5	58.7	58.9	59.1	59.3	59.5	59.7	59.9	60.1
Short-circuit Current (Isc/A)	7.22	7.28	7.33	7.37	7.42	7.47	7.52	7.57	7.62
Maximum Power Current (Imp/A)	6.68	6.73	6.77	6.81	6.85	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 (DHT-M72X10/FS-550W)

