



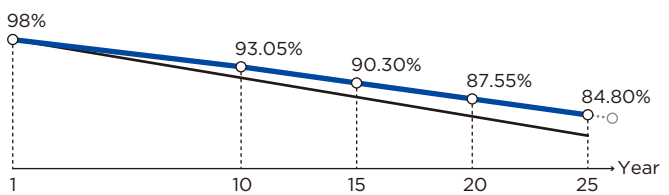
DHM-T72X10/FS  
**545~560W**

# 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).

# DHM-T72X10/FS

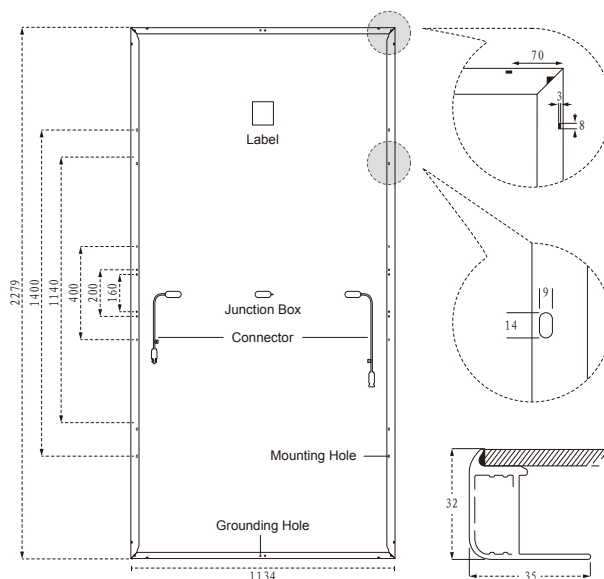
# 545~560W



## 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                   | 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

