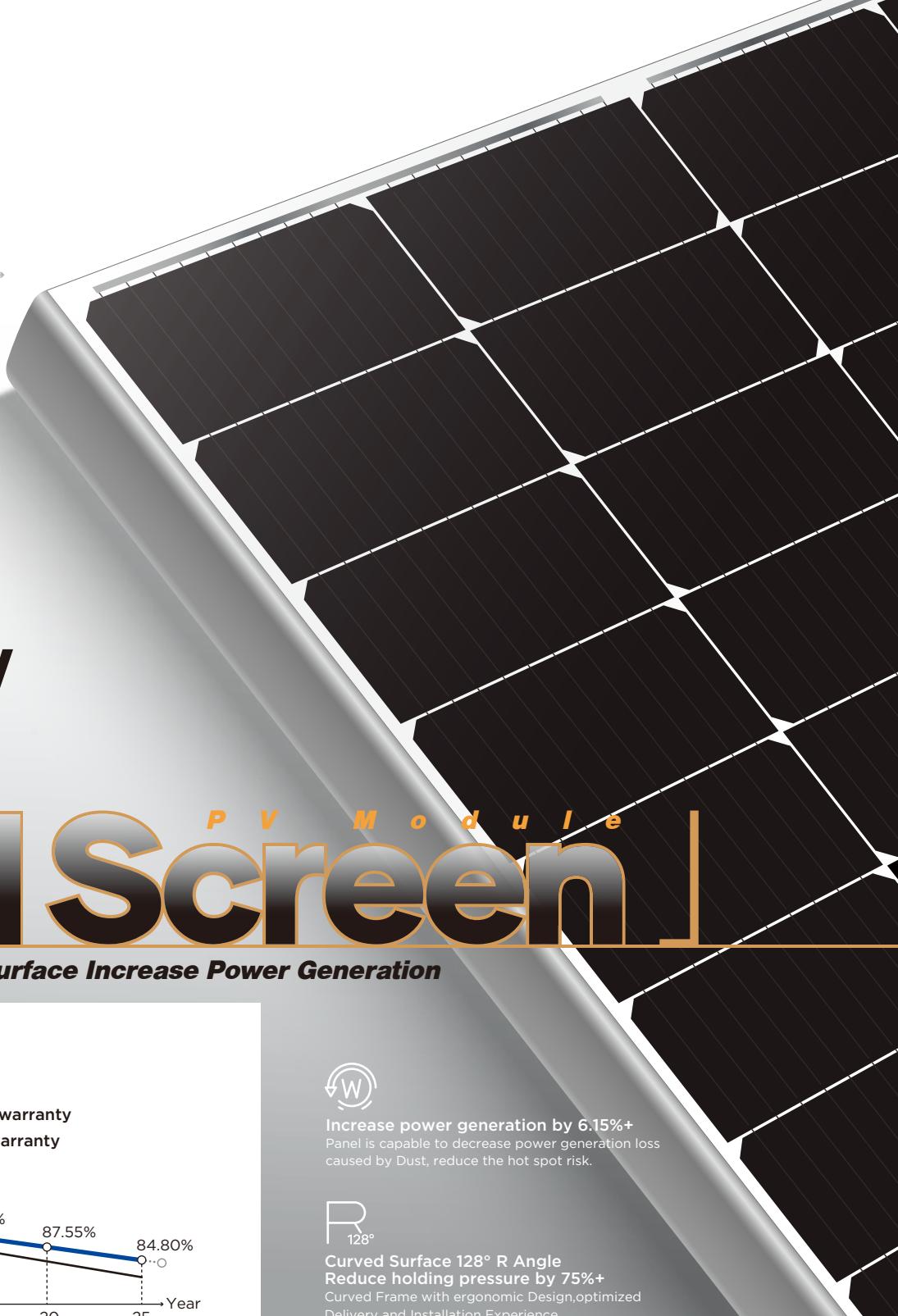




DHM-72X10/FS
540~555W

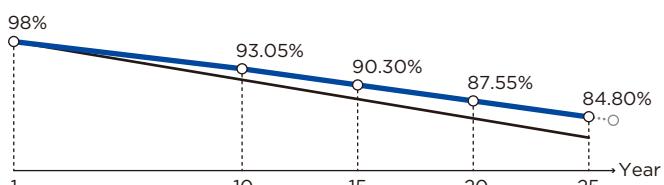


Full Screen PV Module

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 gurantee
- Standard Linear power output gurantee

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).

DHM-72X10/FS

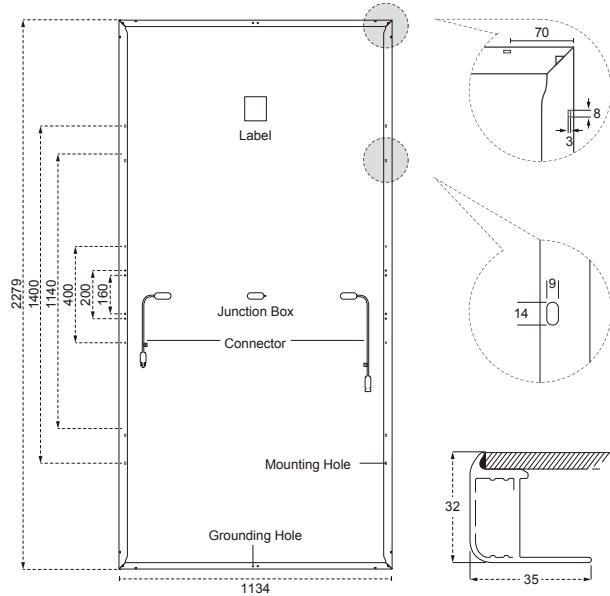
540~555W



Mechanical Specification

| | |
|-----------------------|---|
| Cable | 4.0mm ² , 300/400mm 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 |

Design



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 |

STC — Electrical Characteristics

| Module Type | DHM-72X10/FS | | | |
|-------------------------------|--------------|-------|-------|-------|
| Maximum Power (Pmax/W) | 540 | 545 | 550 | 555 |
| Open-circuit Voltage (Voc/V) | 49.8 | 50.0 | 50.2 | 50.4 |
| Maximum Power Voltage (Vmp/V) | 42.0 | 42.2 | 42.4 | 42.6 |
| Short-circuit Current (Isc/A) | 13.66 | 13.72 | 13.78 | 13.84 |
| Maximum Power Current (Imp/A) | 12.86 | 12.91 | 12.97 | 13.03 |
| Module Efficiency (%) | 20.89 | 21.09 | 21.30 | 21.48 |

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/m², Cell temperature 25°C, Spectrum AM1.5

NOCT — Electrical Characteristics

| | | | | |
|-------------------------------|-------|-------|-------|-------|
| Maximum Power (Pmax/W) | 402 | 405 | 409 | 413 |
| Open-circuit Voltage (Voc/V) | 46.7 | 46.9 | 47.1 | 47.3 |
| Maximum Power Voltage (Vmp/V) | 39.4 | 39.6 | 39.8 | 40.0 |
| Short-circuit Current (Isc/A) | 11.04 | 11.09 | 11.13 | 11.18 |
| Maximum Power Current (Imp/A) | 10.20 | 10.24 | 10.29 | 10.33 |

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

I-V Curve DHM-72X10/FS-550W

