



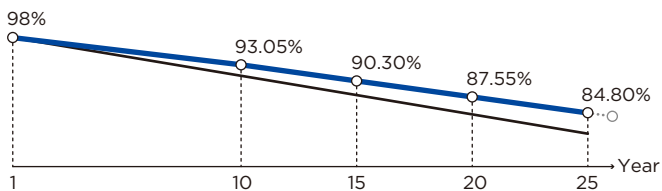
DHM-72X10/FS-545W
DHM-72X10/FS-550W

Full Screen

No Dust and Dirt on the Surface Increase Power Generation

Quality Guarantee

- 25-year → Material & technology warranty
- 25-year → Linear power output warranty



- DAH Solar Linear power output guarantee
- Standard Linear power output guarantee

*Subject to the terms and conditions contained in the applicable Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.



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.

Fire safety class:
Class C according to ANSI/UL 1703-2018(as per ANSI/UL 790-2018)

DHM-72X10/FS

545~550W



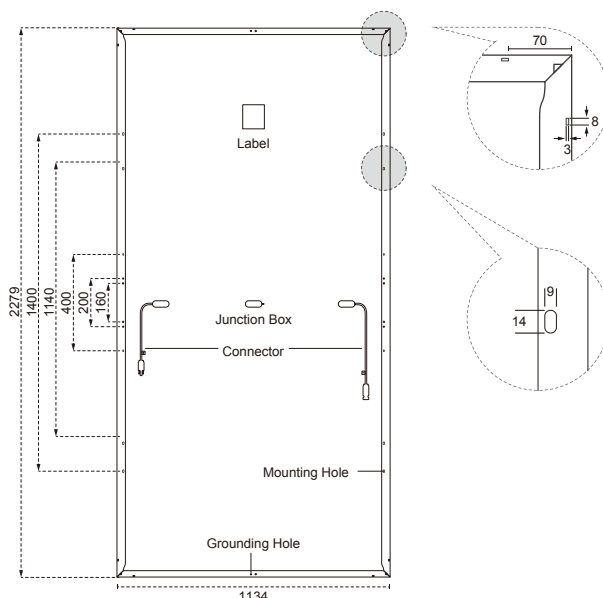
Mechanical Specification

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	PV5e, Changshu Friends Connector Technology Co.,Ltd, Customized Connectors
Weight	29kg
Cells Type	Mono 182×91mm
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	25A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

Design



STC — Electrical Characteristics

Module Type	DHM-72X10/FS-545W	DHM-72X10/FS-550W
Maximum Power (Pmax/W)	545	550
Open-circuit Voltage (Voc/V)	50.0	50.2
Maximum Power Voltage (Vmp/V)	42.2	42.4
Short-circuit Current (Isc/A)	13.72	13.78
Maximum Power Current (Imp/A)	12.91	12.97
Module Efficiency (%)	21.09	21.30

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

Tolerances : Pmax=±3%, Voc=±3%, Isc=±3%

NOCT — Electrical Characteristics

Maximum Power (Pmax/W)	405	409
Open-circuit Voltage (Voc/V)	46.9	47.1
Maximum Power Voltage (Vmp/V)	39.6	39.8
Short-circuit Current (Isc/A)	11.09	11.13
Maximum Power Current (Imp/A)	10.24	10.29

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

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

