



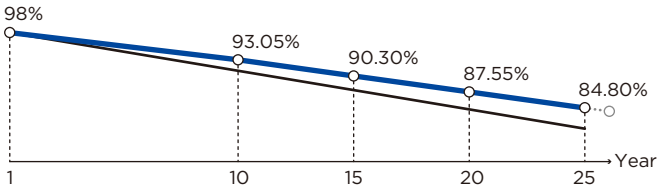
DHM-54X10/FS-405W
DHM-54X10/FS-410W
DHM-54X10/FS-415W

Full Screen P V M o d u l e

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)



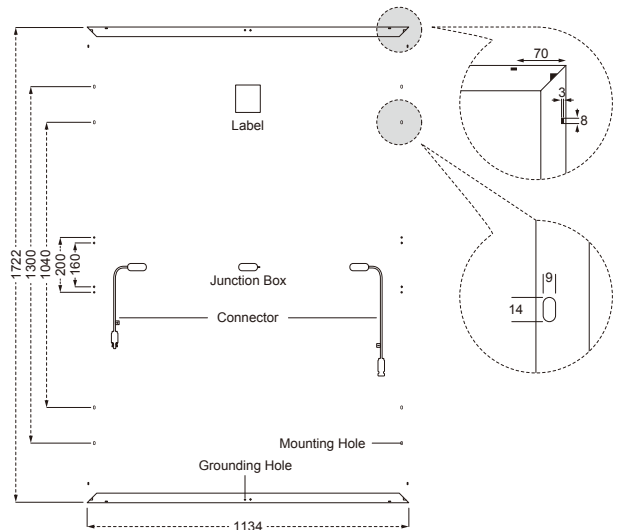
Mechanical Specification

Cable	4.0mm ² , 300/400mm in length,
(Including connector)	length can be customized
No.of Cells	108 (6×18)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	PV5e, Changshu Friends Connector Technology Co.,Ltd, Customized Connectors
Weight	22kg
Cells Type	Mono 182×91mm
Dimension (L×W×T)	1722×1134×32mm
Packing	34pcs/pallet, 884pcs/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-54X10/FS-405W	DHM-54X10/FS-410W	DHM-54X10/FS-415W
Maximum Power (P _{max} /W)	405	410	415
Open-circuit Voltage (V _{oc} /V)	37.0	37.2	37.4
Maximum Power Voltage (V _{mp} /V)	31.5	31.7	31.9
Short-circuit Current (I _{sc} /A)	13.54	13.60	13.66
Maximum Power Current (I _{mp} /A)	12.85	12.92	13.00
Module Efficiency (%)	20.74	21.00	21.25

Power Tolerance: 0~+5W, Temperature Coefficient of I_{sc}: 0.05%/°C, Temperature Coefficient of V_{oc}: -0.31%/°C, Temperature Coefficient of P_{max}: -0.35%/°C

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

Tolerances : P_{max}=±3%, V_{oc}=±3%, I_{sc}=±3%

NOCT — Electrical Characteristics

Module Type	DHM-54X10/FS-405W	DHM-54X10/FS-410W	DHM-54X10/FS-415W
Maximum Power (P _{max} /W)	301	305	309
Open-circuit Voltage (V _{oc} /V)	34.7	34.9	35.1
Maximum Power Voltage (V _{mp} /V)	29.6	29.8	29.9
Short-circuit Current (I _{sc} /A)	10.94	10.99	11.04
Maximum Power Current (I _{mp} /A)	10.19	10.25	10.31

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

I-V Curve DHM-54X10/FS-410W

