

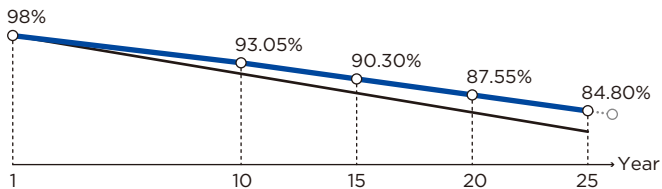


DHM-54X10/FS
400~410W
FULL BLACK PV MODULE

Full Screen NO RESIDUE OF WATER & DUST

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



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 Packaging Technology
Using excellent frame packaging 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).

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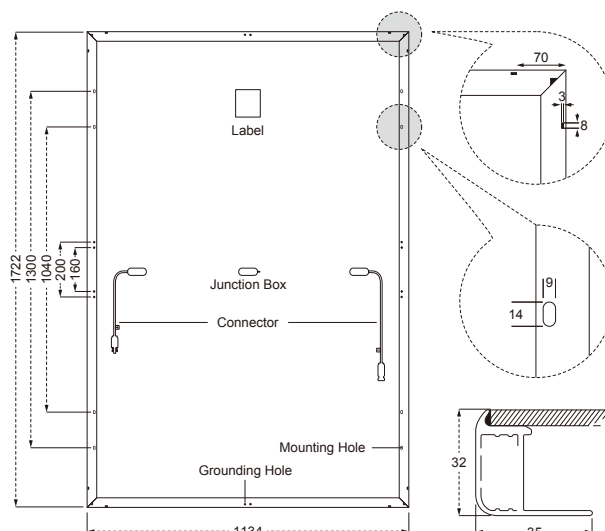
FULL BLACK PV MODULE



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	MC4 Compatible
Weight	22kg
Cells Type	Mono 182×91mm
Dimension (L×W×T)	1722×1134×32mm
Packing	34pcs/pallet, 884pcs/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-54X10/FS		
Maximum Power (P _{max} /W)	400	405	410
Open-circuit Voltage (V _{oc} /V)	36.8	37.0	37.2
Maximum Power Voltage (V _{mp} /V)	31.3	31.5	31.7
Short-circuit Current (I _{sc} /A)	13.48	13.54	13.60
Maximum Power Current (I _{mp} /A)	12.77	12.85	12.92
Module Efficiency (%)	20.48	20.74	21.00

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

NOCT — Electrical Characteristics

Maximum Power (P _{max} /W)	298	301	305
Open-circuit Voltage (V _{oc} /V)	34.5	34.7	34.9
Maximum Power Voltage (V _{mp} /V)	29.4	29.6	29.8
Short-circuit Current (I _{sc} /A)	10.89	10.94	10.99
Maximum Power Current (I _{mp} /A)	10.13	10.19	10.25

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

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

