



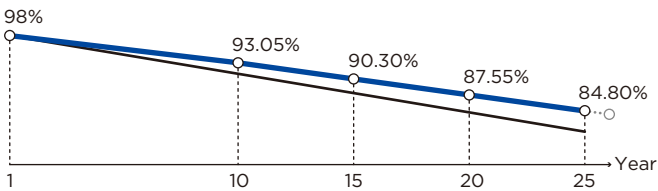
DHM-54X10/FS(BB)  
**395~410W**

# Full Screen

**No Dust and Dirt on the Surface Increases 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



**No Water & Dust Accumulation Increases Power Generation by 6-15%**  
Full-Screen PV Module has front frameless design could decrease power loss and the O&M expenditures caused by the bottom dust shading



**±0.1mm Production Accuracy Technology**  
Using excellent frame sealing technology makes the production accuracy achieve ±0.1mm to ensure the IP68 Waterproof and the mechanical load (front side: 5400Pa; back side: 2400Pa).



**Applies to All Mounting Scenarios**  
Full-Screen PV Module could apply to all the application scenarios and the smaller angles of inclination, the higher power generation



**Preminent Weather Resistance**  
Certified by Dust-Sand Test, Salt Spray Test, Ammonia Test, which allows the module to keep an excellent performance under the extreme weather conditions

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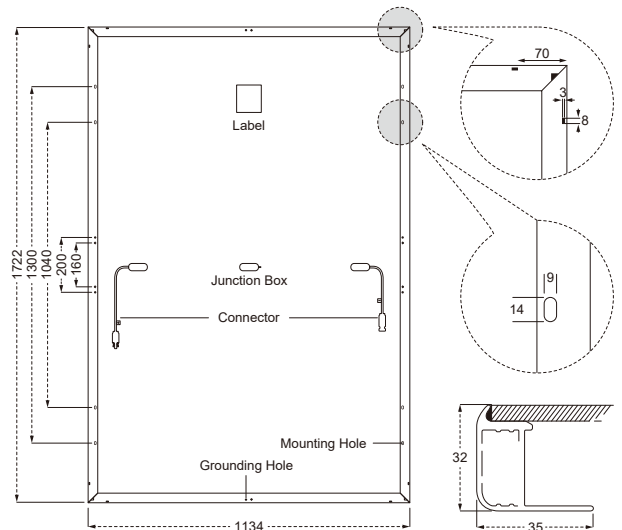
### Mechanical Specification

Cable	4.0mm <sup>2</sup> , 350/250mm 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
<b>Weight</b>	<b>22kg</b>
<b>Cells Type</b>	<b>Mono 182×91mm</b>
<b>Dimension (L×W×T)</b>	<b>1722×1134×32mm</b>
<b>Packing</b>	<b>34pcs/pallet, 884pcs/40HQ</b>

### 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(BB)			
Maximum Power (Pmax/W)	395	400	405	410
Open-circuit Voltage (Voc/V)	36.6	36.8	37.0	37.2
Maximum Power Voltage (Vmp/V)	31.1	31.3	31.5	31.7
Short-circuit Current (Isc/A)	13.42	13.48	13.54	13.60
Maximum Power Current (Imp/A)	12.69	12.77	12.85	12.92
Module Efficiency (%)	20.23	20.48	20.74	21.00

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)	294	298	301	305
Open-circuit Voltage (Voc/V)	34.3	34.5	34.7	34.9
Maximum Power Voltage (Vmp/V)	29.2	29.4	29.6	29.8
Short-circuit Current (Isc/A)	10.84	10.89	10.94	10.99
Maximum Power Current (Imp/A)	10.07	10.13	10.19	10.25

Standard Test Environment : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

### I-V Curve

