



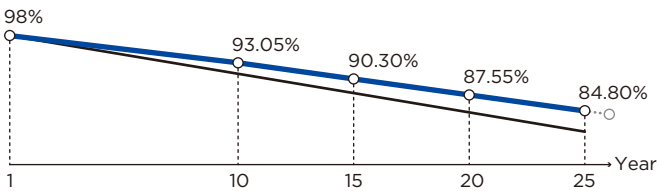
DHM-54X10/FS(BW)  
**400~415W**

# Full Screen

**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 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 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 Pa) and snow load (5400 Pa).

DHM-54X10/FS(BW)

# 400~415W



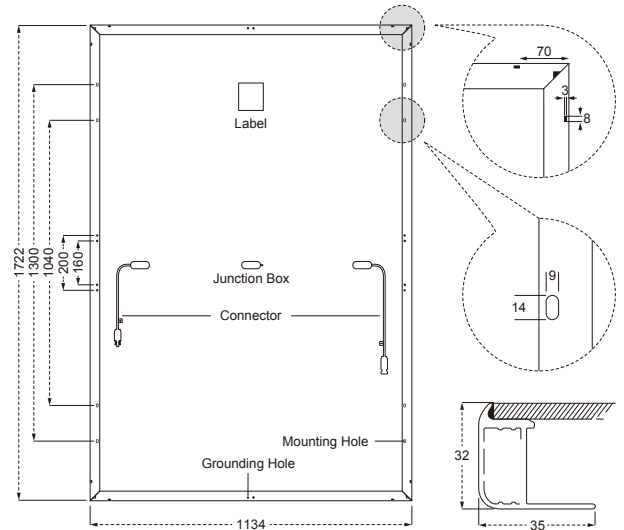
## Mechanical Specification

Cable	4.0mm <sup>2</sup> , 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
<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(BW)			
	400	405	410	415
Maximum Power (Pmax/W)	400	405	410	415
Open-circuit Voltage (Voc/V)	36.8	37.0	37.2	37.4
Maximum Power Voltage (Vmp/V)	31.3	31.5	31.7	31.9
Short-circuit Current (Isc/A)	13.48	13.54	13.60	13.66
Maximum Power Current (Imp/A)	12.77	12.85	12.92	13.00
Module Efficiency (%)	20.48	20.74	21.00	21.25

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)	298	301	305	309
Open-circuit Voltage (Voc/V)	34.5	34.7	34.9	35.1
Maximum Power Voltage (Vmp/V)	29.4	29.6	29.8	29.9
Short-circuit Current (Isc/A)	10.89	10.94	10.99	11.04
Maximum Power Current (Imp/A)	10.13	10.19	10.25	10.31

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

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

