



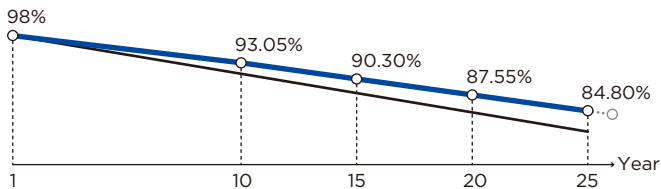
DHT-M56X10/FS(BB)  
**420W**

# 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

Low current, increase power generation  
 1/3 design, lower current and lower loss

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).



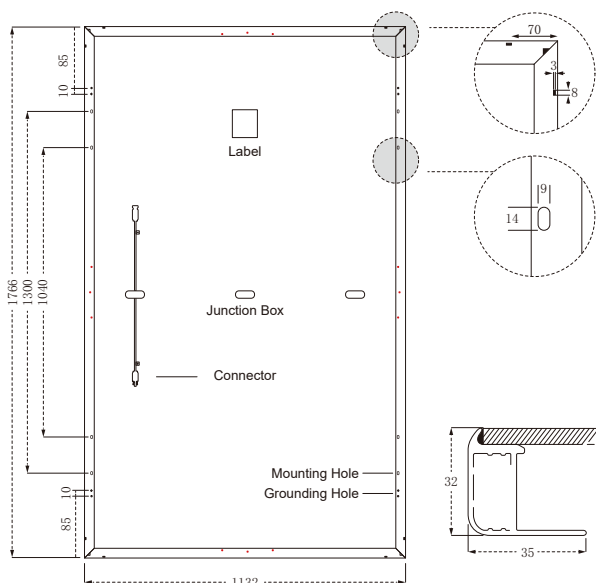
### Mechanical Specification

Cable	4.0mm <sup>2</sup> , 1200/1200mm in length,
(Including connector)	length can be customized
No.of Cells	168 (6×28)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
<b>Weight</b>	<b>22.5kg</b>
<b>Cells Type</b>	<b>Mono 182×60.7mm</b>
<b>Dimension (L×W×T)</b>	<b>1766×1132×32mm</b>
<b>Packing</b>	<b>34pcs/pallet, 816pcs/40HQ</b>

### Operating Parameters

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	15A
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	DHT-M56X10/FS(BB)
Maximum Power (Pmax/W)	420
Open-circuit Voltage (Voc/V)	115.4
Maximum Power Voltage (Vmp/V)	97.3
Short-circuit Current (Isc/A)	4.56
Maximum Power Current (Imp/A)	4.32
Module Efficiency (%)	21.01

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)	312
Open-circuit Voltage (Voc/V)	108.2
Maximum Power Voltage (Vmp/V)	91.2
Short-circuit Current (Isc/A)	3.68
Maximum Power Current (Imp/A)	3.43

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

### I-V Curve DHT-M56X10/FS(BB)-420W

