



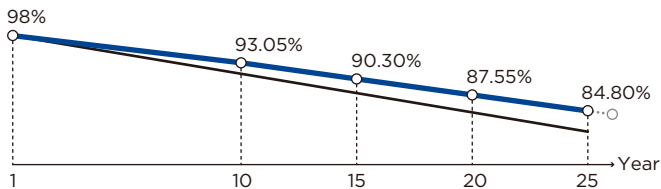
DHM-T56X10
420W

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).

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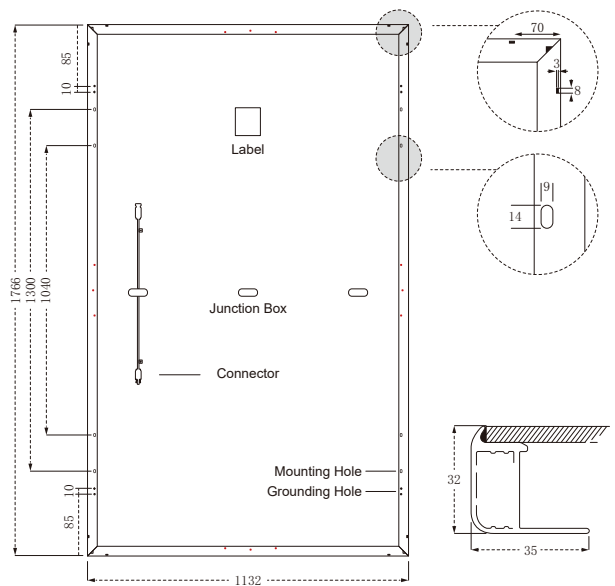
Mechanical Specification

Cable	4.0mm ² , 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
Weight	22.5kg
Cells Type	Mono 182×60.7mm
Dimension (L×W×T)	1766×1132×32mm
Packing	34pcs/pallet, 816pcs/40HQ

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	DHM-T56X10
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/m², 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/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

I-V Curve DHM-T56X10-420W

