



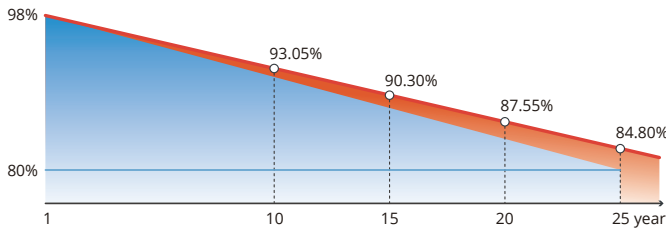
DHM-T56X10/FS(BB)

0~+5W

420~430W

1/3 Cut Low Current High Efficiency PV Module

[Full Screen] P V M o d u l e



DAH solar linear power output guarantee
Standard linear power output guarantee

Quality Guarantee

12-Year material & technology warranty
25-Year linear power output warranty

Comprehensive Products and 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.

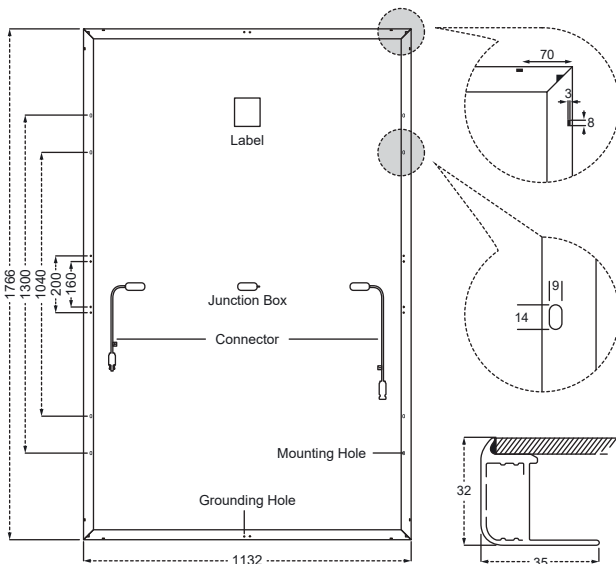


Excellent mechanical load capacity

Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pa) and snow load (5400 Pa).

DHM-T56X10/FS(BB)420~430W

Design



Mechanical Specification

Cells Type
Mono 182×60.7mm

Weight
22.5kg

Output Cable
(Including connector)
No. of Cells
Glass
Junction box
Connector

Dimension (L×W×T)
1766×1132×32mm

Packing
34pcs/pallet, 884pcs/40HQ

4.0mm², 300/400mm in length,
length can be customized
168 (6×28)
3.2mm High Transmission, Antireflection Coating
IP68, 3 Bypass Diodes
MC4 Compatible

Operating Parameters

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	25A
Snow load, frontside	5400Pa
Wind load, backside	2400Pa
Nominal operating cell temperature	42°C±2°C
Application level	Class A

STC-Electrical Characteristics

Module Type	DHM-T56X10/FS(BB)		
Maximum Power (Pmax)	420	425	430
Open-circuit Voltage (Voc)	57.8	58.0	58.2
Maximum Power Voltage (Vmp)	48.9	49.1	49.3
Short-circuit Current (Isc)	9.19	9.79	9.85
Maximum Power Current (Imp)	8.59	8.66	8.72
Module Efficiency (%)	21.01	21.26	21.51
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

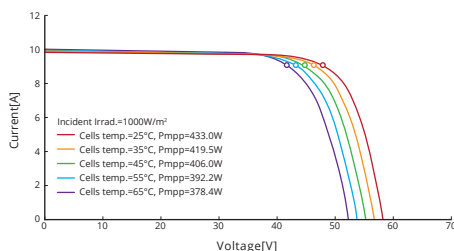
NOCT-Electrical Characteristics

Maximum Power (Pmax)	316	320	324
Open-circuit Voltage (Voc)	54.8	54.9	55.1
Maximum Power Voltage (Vmp)	46.3	46.5	46.7
Short-circuit Current (Isc)	7.41	7.90	7.95
Maximum Power Current (Imp)	6.82	6.87	6.93

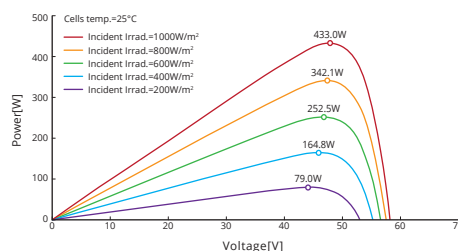
Standard Test Environment : Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

I-V Curve DHM-T56X10/FS(BB)-430W

Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve

