

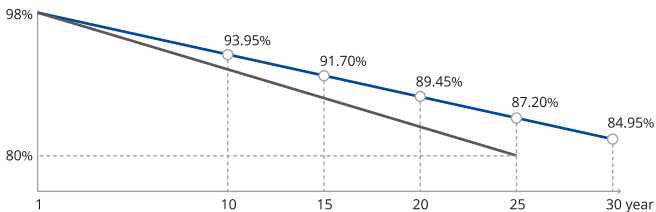
DHM-T72X10/BF/FS(BW)
545~560W

Full Screen

No Dust and Dirt on the Surface Increases Power Generation

Quality Guarantee

12-year Material & technology warranty
30-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, increases power generation
1/3 design, lower current and lower loss.



Up to 25% Power Generation Growth From Rear Side
The transparent grid backplane is used to harvest the sunlight reflection, which significantly improves the total power generation.



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



Applied 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.



Preeminent 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.



±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). The ruggedness could compare with the architectural curtain wall.

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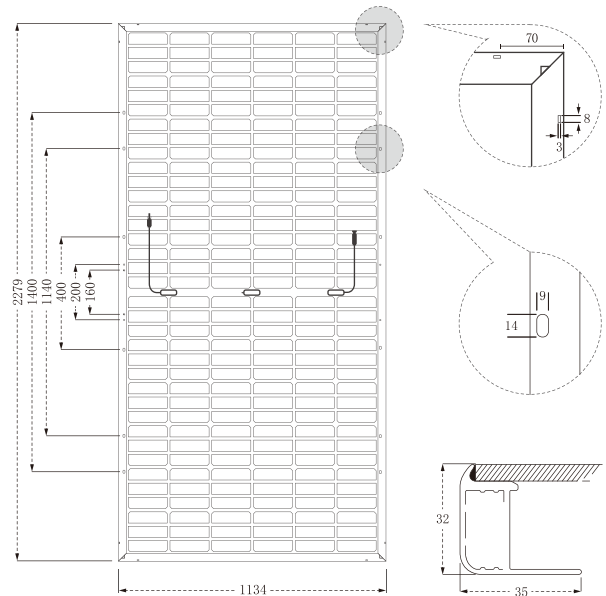
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Mechanical Specification

Cable	4.0mm ² , 350/250mm in length,
(Including connector)	length can be customized
No.of Cells	216 (6×36)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	28.9kg
Cells Type	Mono 182×60.7mm
Dimension (L×W×T)	2279×1134×32mm
Packing	34pcs/pallet, 680pcs/40HQ

Design



Operating Parameters

Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	20A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

Electrical Characteristics

DHM-T72X10/BF/FS(BW)

	STC	Noct	STC	Noct	STC	Noct	STC	Noct
Maximum Power (Pmax)	545W	405W	550W	409W	555W	413W	560W	417W
Open-circuit Voltage (Voc)	74.50V	69.88V	74.70V	70.07V	74.90V	70.26V	75.10V	70.44V
Maximum Power Voltage (Vmp)	62.8V	58.91V	63.0V	59.09V	63.2V	59.28V	63.4V	59.47V
Short-circuit Current (Isc)	9.25A	7.47A	9.31A	7.52A	9.37A	7.57A	9.43A	7.62A
Maximum Power Current (Imp)	8.68A	6.88A	8.73A	6.92A	8.78A	6.97A	8.83A	7.01A
Module Efficiency (STC)	21.09%		21.28%		21.48%		21.67%	

STC: Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

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

Refer Bifacial Factor: 70±5%

Temperature Coefficient of Voc: -0.31%/°C

Temperature Coefficient of Isc: 0.05%/°C

Temperature Coefficient of Pmax: -0.35%/°C

Double-sided power generation parameters (Rear gain)

5%	Maximum Power (Pmax)	572W	578W	583W	588W
	Module Efficiency (%)	22.14%	22.35%	22.55%	22.75%
15%	Maximum Power (Pmax)	627W	633W	638W	644W
	Module Efficiency (%)	24.25%	24.47%	24.70%	24.92%
25%	Maximum Power (Pmax)	681W	688W	694W	700W
	Module Efficiency (%)	26.36%	26.60%	26.84%	27.09%

I-V Curve

