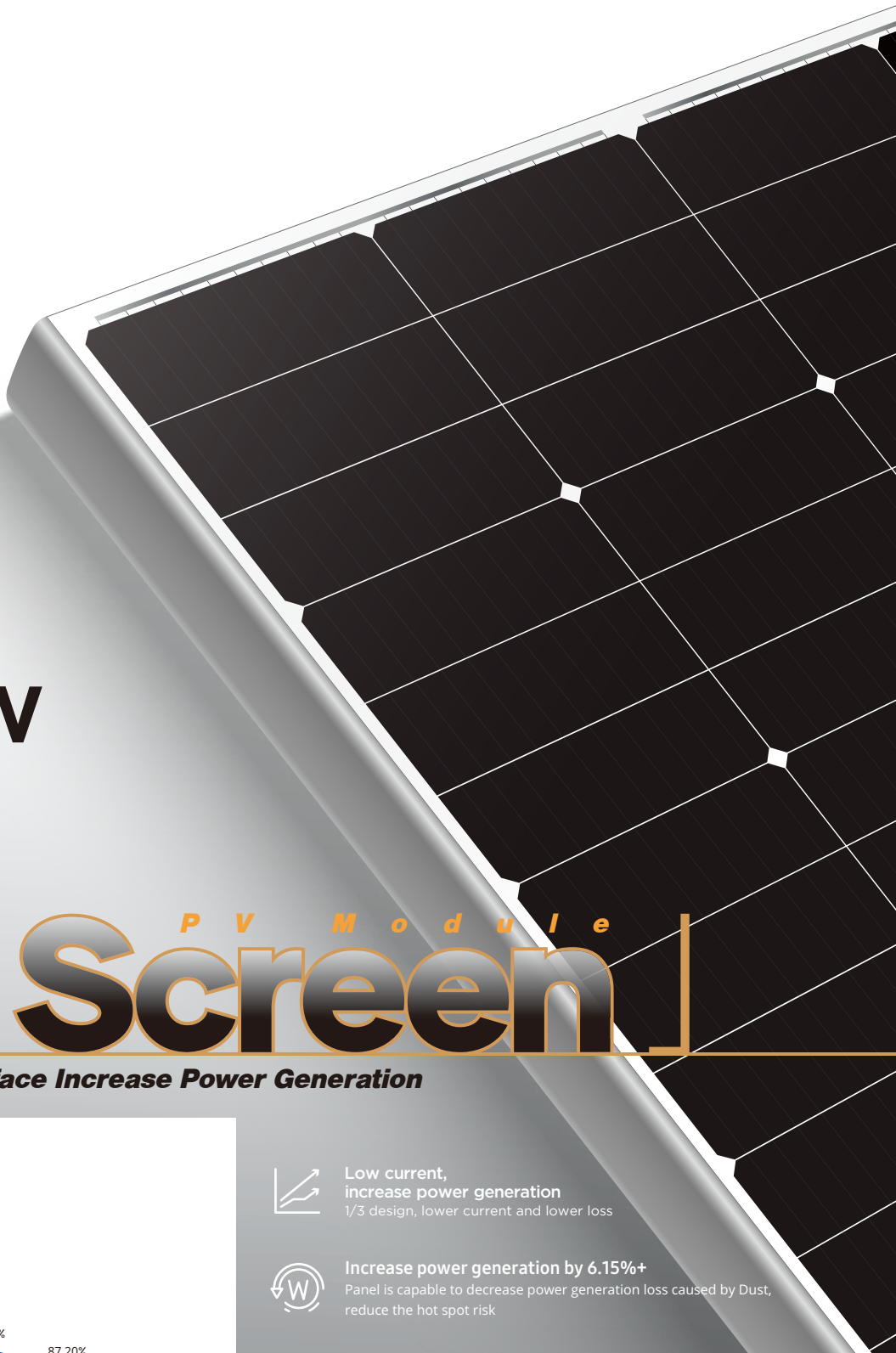
DAH Solar
www.dahsolarpv.com

GLOBAL PATENTS



DHM-T72X10/BF/FS

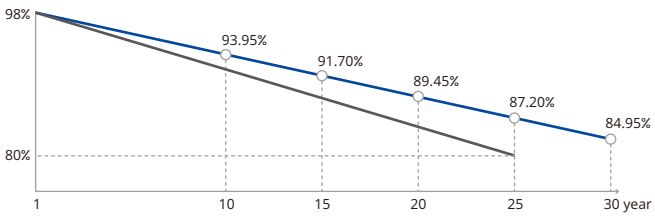
545~560W

[Full Screen PV Module]

No Dust and Dirt on the Surface Increase 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, 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

Up to 20% generation gain from the rear-side
The grid line transparent back sheet increases the back reflection, and the power generation gain increases with the back light

More than 25% module weight lighter
Compared with the dual glass module, the weight is reduced by 25%, which is easy to install and save the cost of BOS

Longer power output life span
Anti PID, low acetic acid concentration, ensure the module linear power output for 30 years

Curved Surface 128° R Angle, Reduce holding pressure by 75%+
Curved Frame with ergonomic Design, optimized, Delivery and Installation Experience

DHM-T72X10/BF/FS

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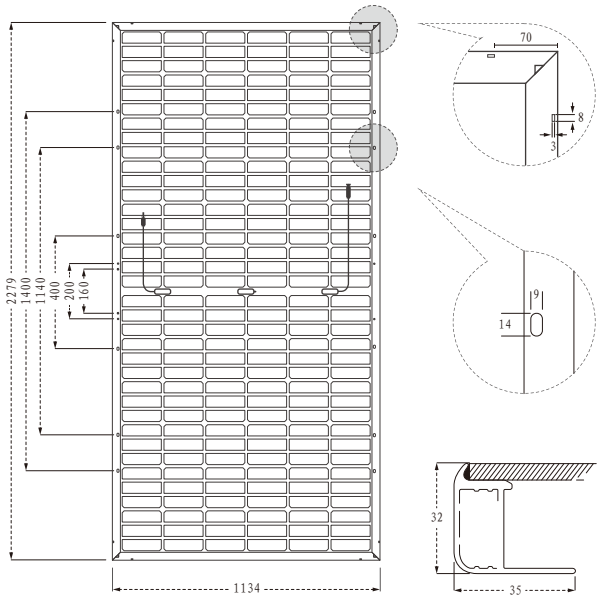
Mechanical Specification

Cable	4.0mm², Portrait: 300mm(+)/400mm(-)
(Including connector)	Landscape: 1400mm(+)/1400mm(-)
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							
	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)	21.13%		21.30%		21.52%		21.72%	

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

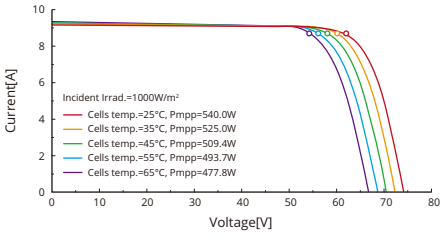
Refer Bifacial Factor: 70±5%
Temperature Coefficient of Isc: 0.05%/°C
Temperature Coefficient of Voc: -0.31%/°C
Temperature Coefficient of Pmax: -0.35%/°C

Double-sided power generation parameters (Rear gain)

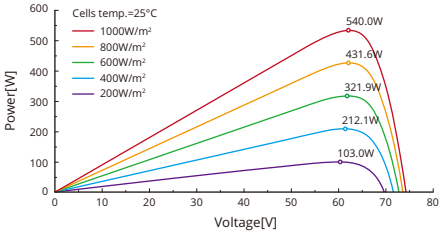
5%	*Maximum Power (Pmax)*	572W	578W	583W	588W
	Module Efficiency (%)	22.19%	22.39%	22.60%	22.80%
15%	*Maximum Power (Pmax)*	627W	633W	638W	644W
	Module Efficiency (%)	24.30%	24.53%	24.75%	24.97%
25%	*Maximum Power (Pmax)*	681W	688W	694W	700W
	Module Efficiency (%)	26.42%	26.66%	26.90%	27.15%

I-V Curve DHT-72X10/BF/FS-540W

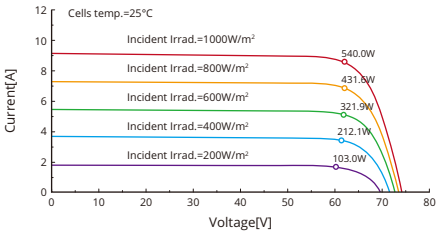
Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve



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