



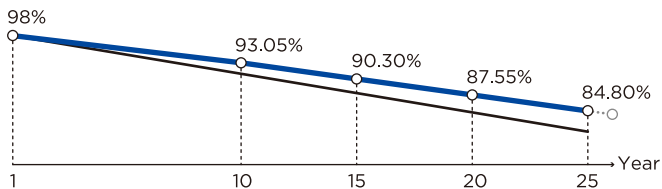
DHM-T60X10/FS(BW)  
**450~465W**

# 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



### 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.



### Low current, increases power generation

1/3 design, lower current and lower loss.



### 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.



### Preminent 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.

# DHM-T60X10/FS(BW) 450~465W



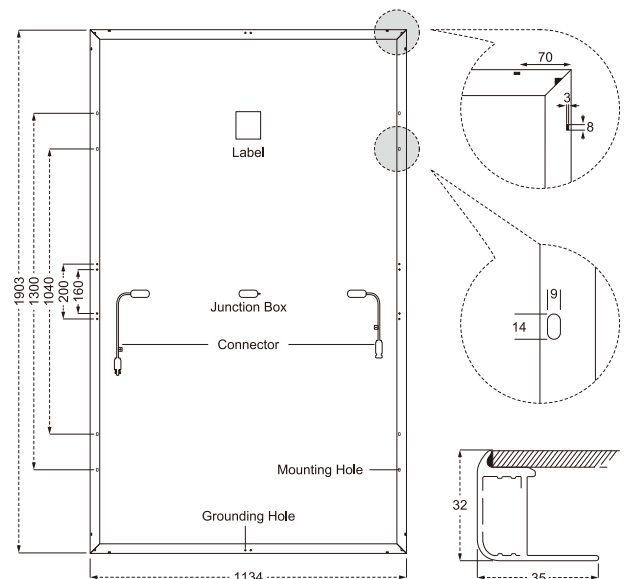
## Mechanical Specification

Cable	4.0mm <sup>2</sup> , 350/250mm in length,
(Including connector)	length can be customized
No.of Cells	180 (6×30)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	23.5kg
Cells Type	Mono 182×60.7mm
Dimension (L×W×T)	1903×1134×32mm
Packing	34pcs/pallet, 816pcs/40HQ

## 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

## Design



## STC — Electrical Characteristics

Module Type	DHM-T60X10/FS(BW)			
Maximum Power (P <sub>max</sub> /W)	450	455	460	465
Open-circuit Voltage (V <sub>oc</sub> /V)	62.0	62.2	62.4	62.6
Maximum Power Voltage (V <sub>mp</sub> /V)	52.4	52.6	52.8	53.0
Short-circuit Current (I <sub>sc</sub> /A)	9.19	9.25	9.31	9.37
Maximum Power Current (I <sub>mp</sub> /A)	8.59	8.65	8.71	8.77
Module Efficiency (%)	20.85	21.08	21.32	21.55

Power Tolerance: 0~+5W, Temperature Coefficient of I<sub>sc</sub>: 0.05%/°C, Temperature Coefficient of V<sub>oc</sub>: -0.31%/°C, Temperature Coefficient of P<sub>max</sub>: -0.35%/°C

Standard Test Environment : Irradiance 1000W/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5

## NOCT — Electrical Characteristics

Maximum Power (P <sub>max</sub> /W)	339	342	346	350
Open-circuit Voltage (V <sub>oc</sub> /V)	58.7	58.9	59.1	59.3
Maximum Power Voltage (V <sub>mp</sub> /V)	49.6	49.8	50.0	50.2
Short-circuit Current (I <sub>sc</sub> /A)	7.41	7.46	7.51	7.56
Maximum Power Current (I <sub>mp</sub> /A)	6.82	6.87	6.92	6.97

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

## I-V Curve DHM-T60X10/FS(BW)-465W

