



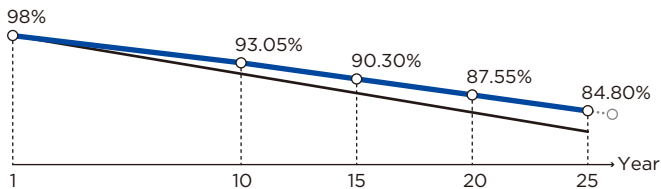
DHM-T60X10/FS-455W  
DHM-T60X10/FS-460W

# Full Screen

**No Dust and Dirt on the Surface Increase Power Generation**

## Quality Guarantee

- 25-year → Material & technology warranty
- 25-year → Linear power output warranty



- DAH Solar Linear power output guarantee
- Standard Linear power output guarantee

\*Subject to the terms and conditions contained in the applicable Warranty Statement. Also this 25-year limited product warranty is available only for products installed and operating on residential rooftops in Australia.



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.

**Fire safety class:**  
Class C according to ANSI/UL 1703-2018(as per ANSI/UL 790-2018)

# DHM-T60X10/FS

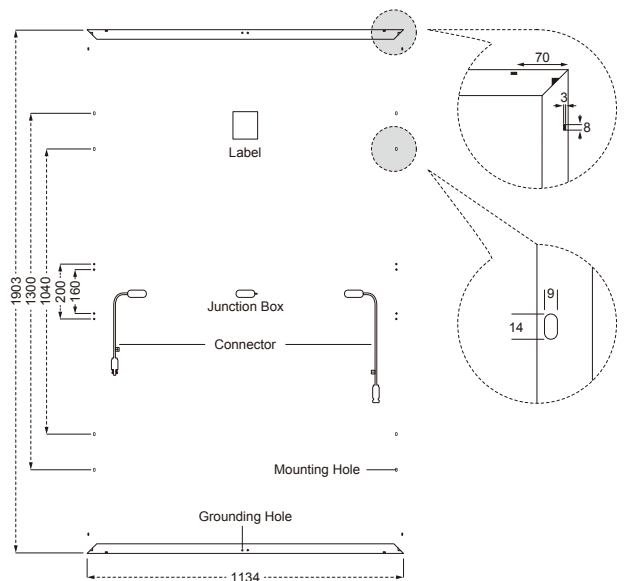
# 455~460W



## Mechanical Specification

Cable	4.0mm <sup>2</sup> , 300/400mm 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	PV5e, Changshu Friends Connector Technology Co.,Ltd, Customized Connectors
<b>Weight</b>	<b>23.5kg</b>
<b>Cells Type</b>	<b>Mono 182×60.7mm</b>
<b>Dimension (L×W×T)</b>	<b>1903×1134×32mm</b>
<b>Packing</b>	<b>34pcs/pallet, 816pcs/40HQ</b>
<b>Operating Parameters</b>	
Maximum system voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum series fuse rating	25A
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-455W	DHM-T60X10/FS-460W
Maximum Power (P <sub>max</sub> /W)	455	460
Open-circuit Voltage (V <sub>oc</sub> /V)	62.2	62.4
Maximum Power Voltage (V <sub>mp</sub> /V)	52.6	52.8
Short-circuit Current (I <sub>sc</sub> /A)	9.25	9.31
Maximum Power Current (I <sub>mp</sub> /A)	8.65	8.71
Module Efficiency (%)	21.08	21.32

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

Tolerances : P<sub>max</sub>=±3%, V<sub>oc</sub>=±3%, I<sub>sc</sub>=±3%

## NOCT — Electrical Characteristics

Maximum Power (P <sub>max</sub> /W)	342	346
Open-circuit Voltage (V <sub>oc</sub> /V)	58.9	59.1
Maximum Power Voltage (V <sub>mp</sub> /V)	49.8	50.0
Short-circuit Current (I <sub>sc</sub> /A)	7.46	7.51
Maximum Power Current (I <sub>mp</sub> /A)	6.87	6.92

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-460W

