



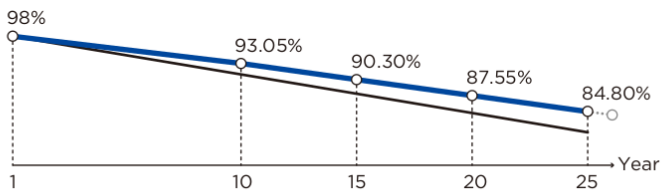
DHT-M60X10/FS
450~470W

[Full Screen] *NO RESIDUE OF WATER & DUST*

Silver Frame or Full Black design are customizable >>>

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



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 Packaging Technology
Using excellent frame packaging 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 Pascal) and snow load (5400 Pascal).

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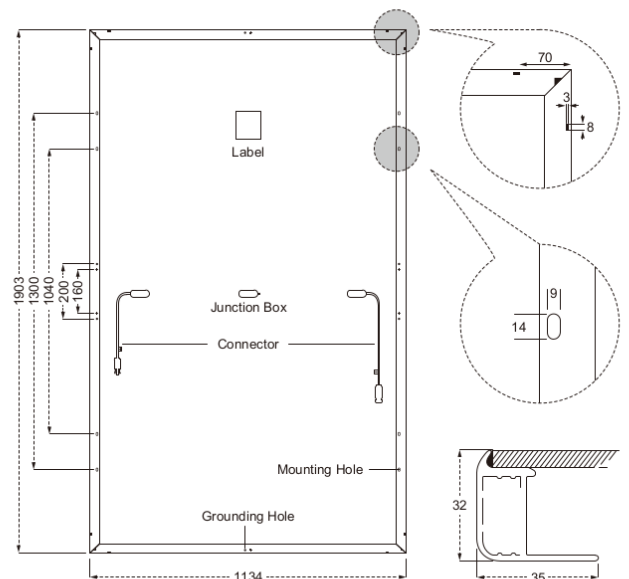
Mechanical Specification

| | |
|--------------------------|---|
| Cable | 4.0mm ² , 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 | MC4 Compatible |
| Weight | 23.5kg |
| Cells Type | Mono 182×60.7mm |
| Dimension (L×W×T) | 1903×1134×30mm |
| 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 | DHT-M60X10/FS | | | | |
|-------------------------------|---------------|-------|-------|-------|-------|
| Maximum Power (Pmax/W) | 450 | 455 | 460 | 465 | 470 |
| Open-circuit Voltage (Voc/V) | 62.0 | 62.2 | 62.4 | 62.6 | 62.8 |
| Maximum Power Voltage (Vmp/V) | 52.4 | 52.6 | 52.8 | 53.0 | 53.2 |
| Short-circuit Current (Isc/A) | 9.19 | 9.25 | 9.31 | 9.37 | 9.43 |
| Maximum Power Current (Imp/A) | 8.59 | 8.65 | 8.71 | 8.77 | 8.83 |
| Module Efficiency (%) | 20.85 | 21.08 | 21.32 | 21.55 | 21.78 |

Power Tolerance: 0~+5, W 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/W) | 339 | 342 | 346 | 350 | 354 |
| Open-circuit Voltage (Voc/V) | 58.7 | 58.9 | 59.1 | 59.3 | 59.5 |
| Maximum Power Voltage (Vmp/V) | 49.6 | 49.8 | 50.0 | 50.2 | 50.4 |
| Short-circuit Current (Isc/A) | 7.41 | 7.46 | 7.51 | 7.56 | 7.61 |
| Maximum Power Current (Imp/A) | 6.82 | 6.87 | 6.92 | 6.97 | 7.02 |

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

I-V Curve (DHT-M60X10/FS-470W)

