



DHM-72X10/FS
525~560W

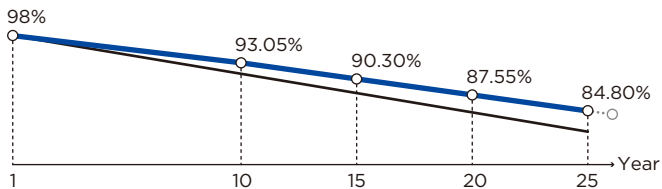
Full Screen

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



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.



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).

DHM-72X10/FS

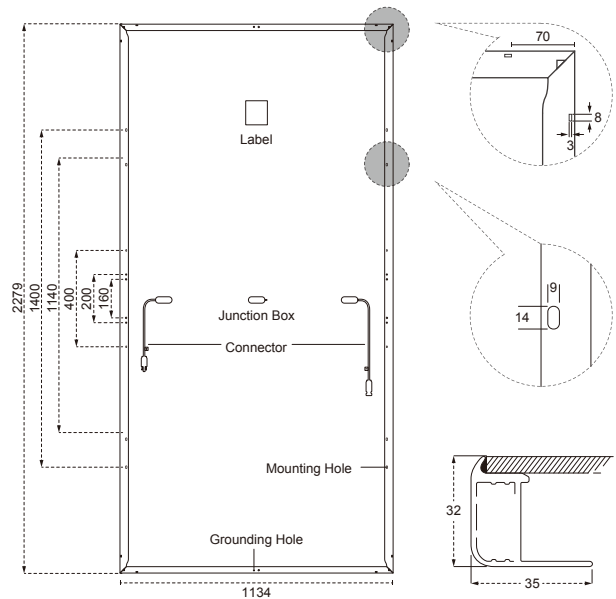
525~560W



Mechanical Specification

Cable	4.0mm ² , 300/400mm in length,
(Including connector)	length can be customized
No.of Cells	144 (6×24)
Glass	3.2mm High Transmission, Antireflection Coating
Junction box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible
Weight	29kg
Cells Type	Mono 182×91mm
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	25A
Snow load, frontside/Wind load, backside	5400Pa/2400Pa
Nominal operating cell temperature	45°C±2°C
Application level	Class A

STC — Electrical Characteristics

Module Type	DHM-72X10/FS								
Maximum Power (Pmax/W)	525	530	535	540	545	550	555	560	
Open-circuit Voltage (Voc/V)	49.2	49.4	49.6	49.8	50.0	50.2	50.4	50.6	
Maximum Power Voltage (Vmp/V)	41.4	41.6	41.8	42.0	42.2	42.4	42.6	42.8	
Short-circuit Current (Isc/A)	13.48	13.54	13.60	13.66	13.72	13.78	13.84	13.90	
Maximum Power Current (Imp/A)	12.68	12.74	12.80	12.86	12.91	12.97	13.03	13.08	
Module Efficiency (%)	20.31	20.51	20.70	20.89	21.09	21.30	21.48	21.67	

Power Tolerance: 0~+5W, 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)	391	394	398	402	405	409	413	417	
Open-circuit Voltage (Voc/V)	46.1	46.3	46.5	46.7	46.9	47.1	47.3	47.5	
Maximum Power Voltage (Vmp/V)	38.8	39.0	39.2	39.4	39.6	39.8	40.0	40.1	
Short-circuit Current (Isc/A)	10.89	10.94	10.99	11.04	11.09	11.13	11.18	11.23	
Maximum Power Current (Imp/A)	10.06	10.11	10.15	10.20	10.24	10.29	10.33	10.38	

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

I-V Curve (DHM-72X10/FS-560W)

