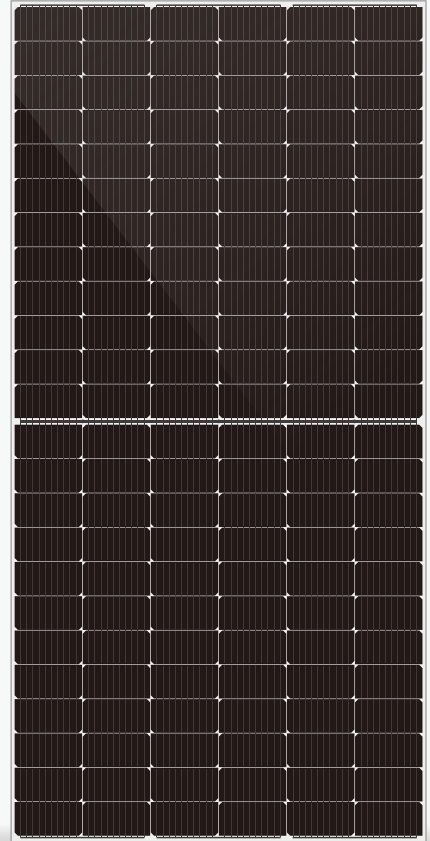
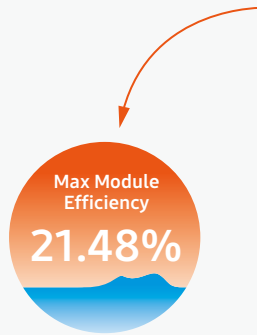


DHM-72X10

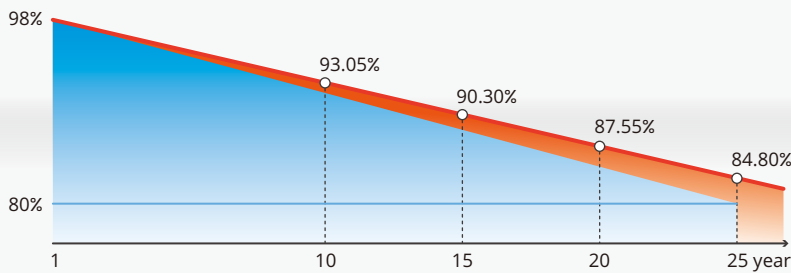
540~555W

Half-Cell High Efficiency PV Module



Quality Guarantee

12-Year material & technology warranty
25-Year linear power output warranty



DAH Solar linear power output guarantee
Standard linear power output guarantee



More Power Generation

Larger size of light receiving area and higher module conversion efficiency



10 Busbar Technology

Higher power collection density improves power generation



Stable Generation Performance

Guaranteed 0~+5W positive tolerance and slower power attenuation:
first year ≤2%, 0.55% per year from 2-25



Higher Power Gains and Lower Losses

Excellent low irradiance performance and low shadow loss



Process Optimized and Upgraded

Lower risk of hot spot and stronger anti-PID ability



Strong Environmental Adaptability and Great Durability

Certified by Dust-Sand, Salt-Mist, Ammonia etc. weather resistance tests and enhanced mechanical load: wind load (2400 Pa) and snow load (5400 Pa)

Comprehensive Products and System Certificates



IEC 61215 / IEC 61730 / CE / FIDE / INMETRO

ISO 45001-

2018/International standards for occupational health & safety

ISO 14001-

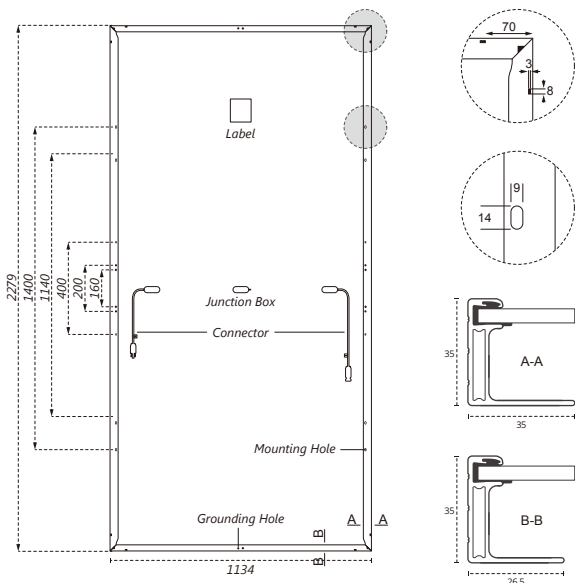
2015/Standards for environmental management system

ISO 9001-

2015/Quality management system

DHM-72X10-540~555W

Design



Mechanical Specification

Cells Type
Mono 182×91mm

Dimension (L×W×T)
2279×1134×35mm

Weight
29kg

Packing
31pcs/pallet, 620pcs/40HQ

Output Cable
(Including connector)
4.0mm², 300/400mm in length, 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

Operating Parameters

Maximum system voltage 1500V DC

Operating Temperature -40 ~ +85°C

Maximum series fuse rating 25A

Snow load, frontside 5400Pa

Wind load, backside 2400Pa

Nominal operating cell temperature 45°C±2°C

Application level Class A

STC-Electrical Characteristics

Module Type	DHM-72X10			
Maximum Power (P _{max} /W)	540	545	550	555
Open-circuit Voltage (V _{oc} /V)	49.8	50.0	50.2	50.4
Maximum Power Voltage (V _{mp} /V)	42.0	42.2	42.4	42.6
Short-circuit Current (I _{sc} /A)	13.66	13.72	13.78	13.84
Maximum Power Current (I _{mp} /A)	12.86	12.91	12.97	13.03
Module Efficiency (%)	20.89	21.09	21.30	21.48
Temperature Coefficient of I _{sc}	0.05%/°C			
Temperature Coefficient of V _{oc}	-0.31%/°C			
Temperature Coefficient of P _{max}	-0.35%/°C			

Standard Test Environment : Irradiance 1000W/m², Cell temperature 25°C, Spectrum AM1.5

NOCT-Electrical Characteristics

Maximum Power (P _{max} /W)	402	405	409	413
Open-circuit Voltage (V _{oc} /V)	46.7	46.9	47.1	47.3
Maximum Power Voltage (V _{mp} /V)	39.4	39.6	39.8	40.0
Short-circuit Current (I _{sc} /A)	11.04	11.09	11.13	11.18
Maximum Power Current (I _{mp} /A)	10.20	10.24	10.29	10.33

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

I-V Curve DHM-72X10-550W

