



**Technology & Process Upgrade**

182+10BB+half-cell, higher power generation with the same installation



**Super Performance & Stable Returns**

Low hot spot & anti-PID, to ensure module operation optimally



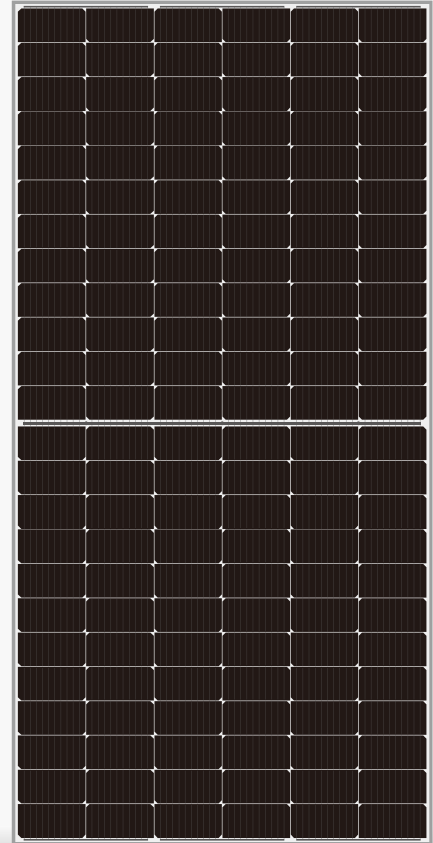
**Various Application Scenarios**

Strong weather resistance, easy installation in deserts, coastal areas, mountains and various roofs



**Better Compatibility**

Well compatibility in system, Lower LCOE



**DHM-72X10**

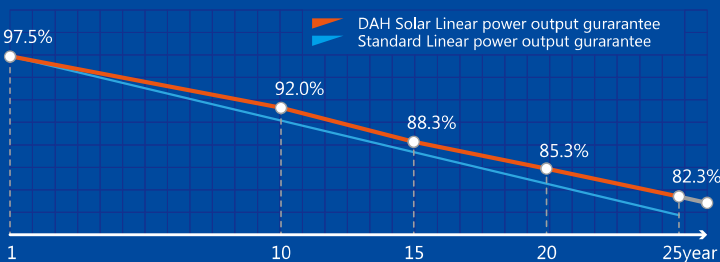
**520~550W**

**Half-Cell High Efficiency PV Module**

**Quality Guarantee**

12-year Material & technology warranty

25-year Linear power output warranty



**Max  
Module  
Efficiency**

-

**21.28%**

**Comprehensive  
Products and System Certificates**



IEC 61215 / IEC 61730 / CE / INMETRO

OHSAS 18001:

2007/International standards for occupational health & safety

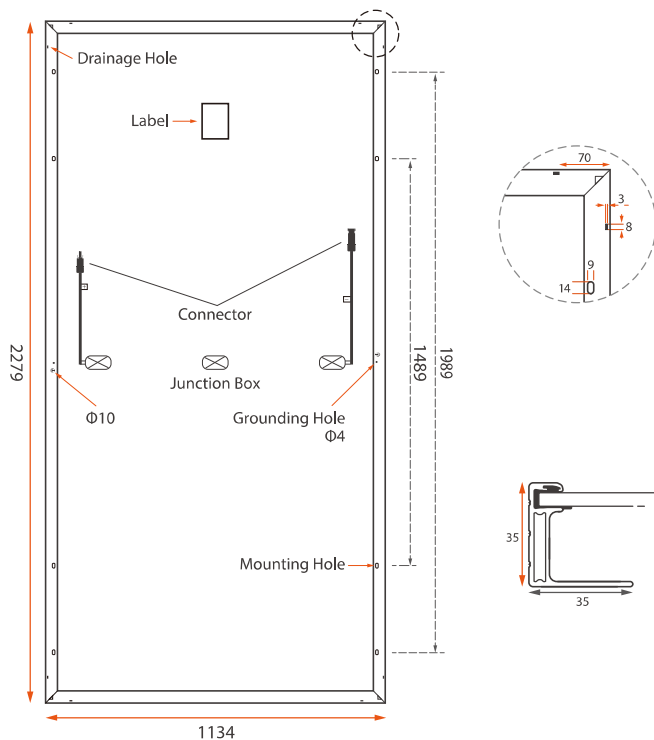
ISO 14001:

2015/Standards for environmental management system

ISO 9001:

2015/Quality management system

# 520~550W



## MECHANICAL SPECIFICATION

Cells Type	Weight	Dimension (L×W×T)
<b>Mono 182×91mm</b>	<b>29kg</b>	<b>2279×1134×35mm</b>
<i>Packing</i>	31pcs/pallet, 620pcs/40HQ	
<i>Cable</i>	4.0mm <sup>2</sup> , Portrait: 300mm(+)/400mm(-)	
<i>(Including connector)</i>	Landscape: 1400mm(+)/1400mm(-)	
<i>No.of Cells</i>	144 (6×24)	
<i>Glass</i>	3.2mm High Transmission, Antireflection Coating	
<i>Junction box</i>	IP68, 3 Bypass Diodes	
<i>Connector</i>	MC4 Compatible	

## OPERATING PARAMETERS

<i>Maximum system voltage</i>	1000V/1500V DC
<i>Operating Temperature</i>	-40 ~ +85°C
<i>Maximum series fuse rating</i>	25A
<i>Snow load, frontside</i>	5400Pa
<i>Wind load, backside</i>	2400Pa
<i>Nominal operating cell temperature</i>	45°C±2°C
<i>Application level</i>	Class A

## STC — Electrical Characteristics

Module Type	DHM-72X10						
<i>Maximum Power (Pmax)</i>	520W	525W	530W	535W	540W	545W	550W
<i>Open-circuit Voltage (Voc)</i>	49.0V	49.2V	49.4V	49.6V	49.8V	50.0V	50.2V
<i>Maximum Power Voltage (Vmp)</i>	41.2V	41.4V	41.6V	41.8V	42.0V	42.2V	42.4V
<i>Short-circuit Current (Isc)</i>	13.42A	13.48A	13.54A	13.60A	13.66A	13.72A	13.78A
<i>Maximum Power Current (Imp)</i>	12.62A	12.68A	12.74A	12.80A	12.86A	12.91A	12.97A
<i>Module Efficiency (%)</i>	20.12%	20.31%	20.51%	20.70%	20.89%	21.09%	21.28%
<i>Power Tolerance</i>	0~+5W						
<i>Temperature Coefficient of Isc</i>	0.05%/°C						
<i>Temperature Coefficient of Voc</i>	-0.31%/°C						
<i>Temperature Coefficient of Pmax</i>	-0.35%/°C						

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

## NOCT — Electrical Characteristics

<i>Maximum Power (Pmax)</i>	387W	391W	394W	398W	402W	405W	409W
<i>Open-circuit Voltage (Voc)</i>	46.0V	46.1V	46.3V	46.5V	46.7V	46.9V	47.1V
<i>Maximum Power Voltage (Vmp)</i>	38.6V	38.8V	39.0V	39.2V	39.4V	39.6V	39.8V
<i>Short-circuit Current (Isc)</i>	10.84A	10.89A	10.94A	10.99A	11.04A	11.09A	11.13A
<i>Maximum Power Current (Imp)</i>	10.01A	10.06A	10.11A	10.15A	10.20A	10.24A	10.29A

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