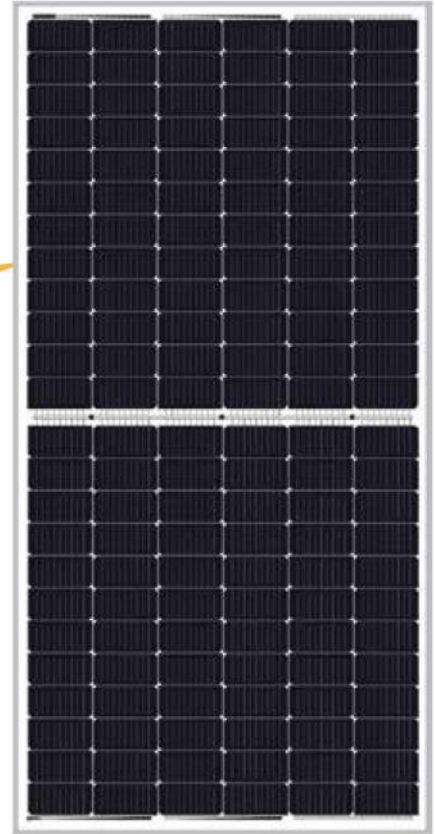




# PLUS



## DH-M172W 530-550W

### Half-cut Mono PERC Module



Advanced processing techniques realize great module efficiency to a maximum of 21.3%, steady power output guaranteed



0~+5W Positive tolerance delivers higher output reliability



Excellent performance even under low-light settings, such as dawn, dusk and cloudy day

## PID

Advanced cell technology and qualified materials lead to high resistance to PID

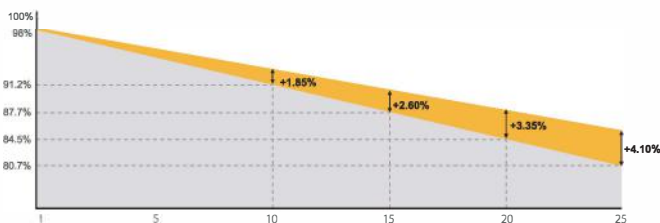


Excellent mechanical load: Positive 5,400pa and Negative 2,400pa



Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline

### LINEAR PERFORMANCE WARRANTY



Standard Module Performance Warranty  
 Dehui Solar Mono Module Linear Performance Warranty

Product Material & Workmanship

## 12 YEAR WARRANTY

Linear Performance

## 25 YEAR WARRANTY



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# DH-M172W 530-550W

# Half-cut Mono PERC Module

ELECTRICAL PROPERTIES   STC*	DH-M172W 530W	DH-M172W 535W	DH-M172W 540W	DH-M172W 545W	DH-M172W 550W
Peak Power (Pmax   W)	530	535	540	545	550
MPP Voltage (Vmp   V)	41.06	41.18	41.32	41.46	41.59
MPP Current (Imp   A)	12.91	12.99	13.07	13.15	13.23
Open Circuit Voltage (Voc   V)	49.25	49.38	49.51	49.64	49.77
Short Circuit Current (Isc   A)	13.71	13.79	13.85	13.93	14.00
Module Efficiency (%)	20.5	20.7	20.9	21.1	21.3
Power Tolerance	0~+5W				
Operating Temperature	-40°C ~ 85°C				
Maximum System Voltage	DC 1500V				
Maximum Series Fuse Rating	25A				

\*STC (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, AM 1.5

ELECTRICAL PROPERTIES   NOCT*	DH-M172W 530W	DH-M172W 535W	DH-M172W 540W	DH-M172W 545W	DH-M172W 550W
Peak Power (Pmax   W)	394	398	402	405	409
MPP Voltage (Vmp   V)	37.83	37.94	38.06	38.19	38.30
MPP Current (Imp   A)	10.42	10.49	10.56	10.62	10.68
Open Circuit Voltage (Voc   V)	46.50	46.61	46.73	46.86	46.99
Short Circuit Current (Isc   A)	11.08	11.14	11.19	11.25	11.31

\*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m<sup>2</sup> Ambient Temperature 20°C AM 1.5 Wind Speed 1m/s

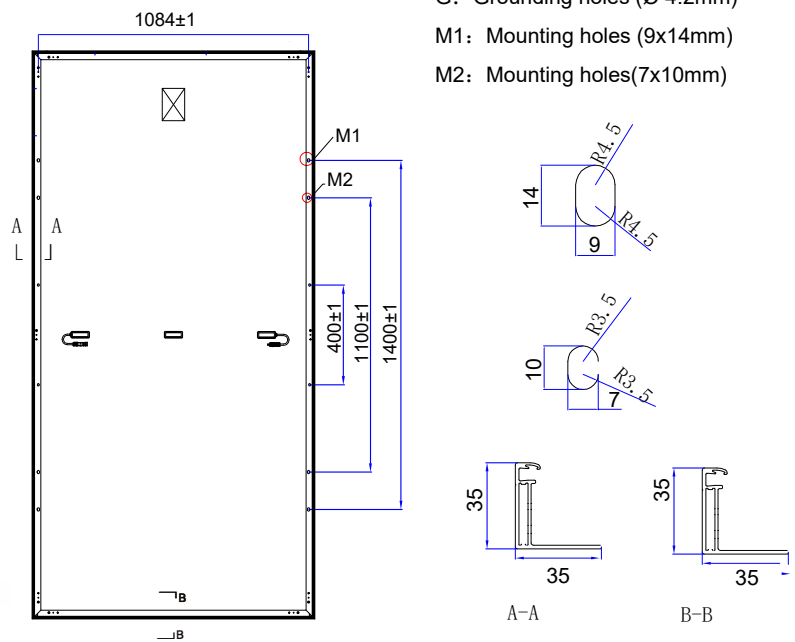
MECHANICAL PROPERTIES	
Cell Type	Mono cell(91x182mm)
Number of Cells	144 (72*2) pcs
Dimension	2278x1134*35mm
Weight	28.9KG
Front Glass	3.2mm AR coated tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cable Type	4.0 mm <sup>2</sup>
Fire Type(Rating)	UL Type 1 / IEC Class C
Length of Cable	300mm or can be customized

TEMPERATURE COEFFICIENT	
Temp. Coeff. of Pmx (Tk Pmax)	- 0.35% / °C
Temp. Coeff. of Voc (Tk Voc)	- 0.28% / °C
Temp. Coeff. of Isc (Tk Isc)	0.048% / °C

PACKING	
Pallet	31pcs
40'HC	620pcs

The specifications and key features contained in this datasheet maybe changed, modified or updated at any time under sole discretion of Dehui, without further notice to the user, due to the on-going research and development efforts and continuous product improvement processes employed at the factory. Therefore, Dehui reserves the right to make any adjustment to the information contained herein. It is the responsibility of the user of datasheet to obtain the latest, current revision - matching to the correct Dehui product – that the user has purchased or intends to purchase

## ENGINEERING DRAWING (unit: mm)



## I-V CURVES

### Current-Voltage & Power-Voltage Curves(540W)

