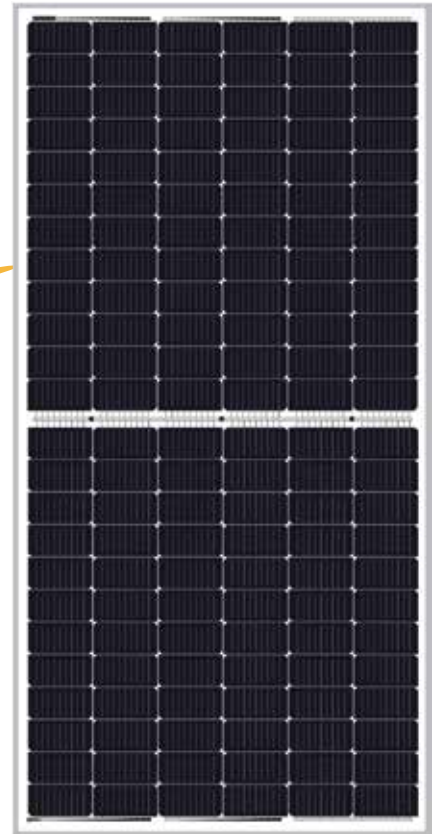




PLUS

# DH-M172W 530-550W

Half-cut Mono PERC Module



Advanced processing techniques realize great module efficiency to a maximum of 21.29%, 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

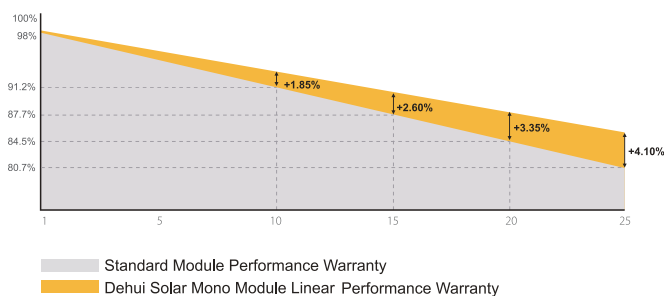


Excellent mechanical load: Positive 5,400pa and Negative 2,400pa



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

## LINEAR PERFORMANCE WARRANTY



Product Material  
& Workmanship  
**12** YEAR  
WARRANTY

Linear  
Performance  
**25** YEAR  
WARRANTY



LISTED

[PHOTOVOLTAGIC MODULE OVER 600 VOLTS]  
UL File No. E515622



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# DH-M172W 530-550W

Half-cut Mono PERC Module

ELECTRICAL PROPERTIES STC*	530W	535W	540W	545 W	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 (%)	20.52%	20.71%	20.90%	21.10%	21.29%
Power Tolerance	0 ~ + 5W				
Operating Temperature	-40°C ~ +85°C				
Maximum System Voltage	DC1500V				
Maximum Series Fuse Rating	25A				

\*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

ELECTRICAL PROPERTIES NOCT*	530W	535W	540W	545 W	550W
Peak Power (Pmax   W)	391	394	398	402	405
MPP Voltage (Vmp   V)	38.3	38.4	38.5	38.7	38.8
MPP Current (Imp   A)	10.22	10.28	10.35	10.41	10.47
Open Circuit Voltage (Voc   V)	46.5	46.58	46.65	46.7	46.88
Short Circuit Current (Isc   A)	11.02	11.07	11.14	11.2	11.26

\*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

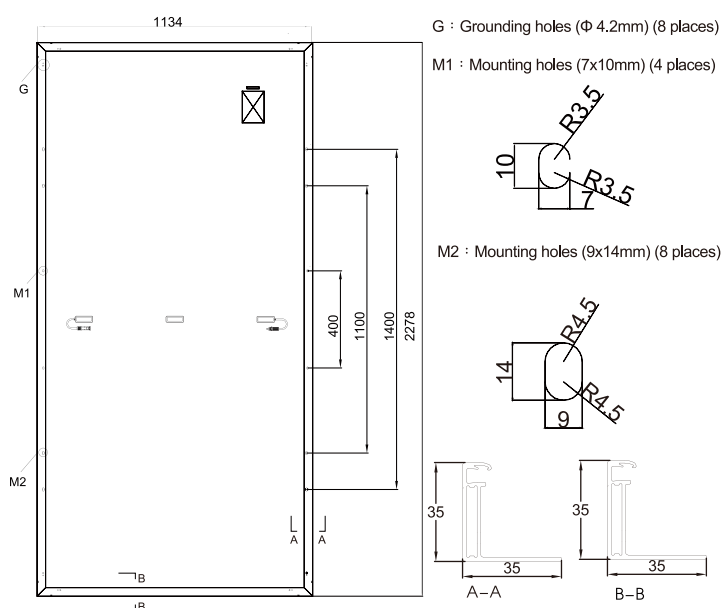
MECHANICAL PROPERTIES	
Cell Type	Mono cell(182x91mm)
Number of Cells	144 (72*2) pcs
Dimension	2278*1134*35mm
Weight	28.9KG
Front Glass	3.2mm AR coated tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cable Type	4.0mm²
Fire Type(Rating)	UL Type 1 / IEC Class C
Length Of Cable	300mm, or can be customized

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

PACKAGING	
Pallet	31pcs
40'HC	620pcs

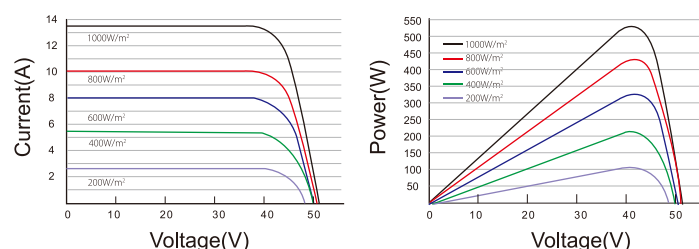
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## ENGINEERING DRAWING (unit: mm)



## I-V CURVES

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



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