



Bi-PLUS

DH-N172T 560-580W

N-Type Bifacial Half-cut TOPCon Module with transparent backsheet



Advanced processing techniques realize great module efficiency to a maximum of 22.50%, 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

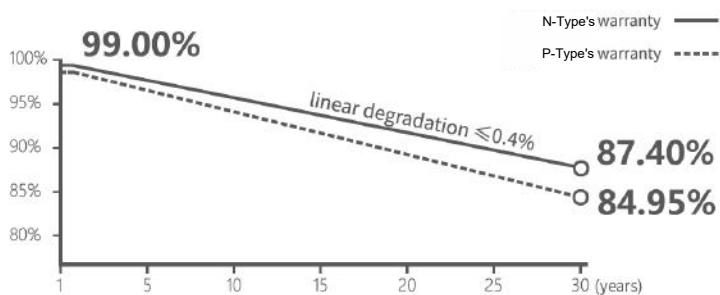


Excellent mechanical load: Positive 5,400pa and Negative 2,400pa



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
30 YEAR WARRANTY



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DH-N172T 560-580W

N-Type Bifacial Half-cut TOPCon Module

ELECTRICAL PROPERTIES STC*	DH-N172T 560W	DH-N172T 565W	DH-N172T 570W	DH-N172T 575W	DH-N172T 580W
Peak Power (Pmax W)	560	565	570	575	580
MPP Voltage (Vmp V)	41.77	41.92	42.07	42.22	42.37
MPP Current (Imp A)	13.41	13.48	13.55	13.62	13.69
Open Circuit Voltage (Voc V)	50.47	50.60	50.74	50.88	51.02
Short Circuit Current (Isc A)	14.15	14.23	14.31	14.39	14.47
Module Efficiency (%)	21.7	21.9	22.1	22.3	22.5
Power Tolerance	0~+5W				
Operating Temperature	-40°C ~ 85°C				
Maximum System Voltage	DC 1500V				
Maximum Series Fuse Rating	30A				

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

ELECTRICAL PROPERTIES NMOT*	DH-N172T 560W	DH-N172T 565W	DH-N172T 570W	DH-N172T 575W	DH-N172T 580W
Peak Power (Pmax W)	421	425	429	432	436
MPP Voltage (Vmp V)	39.25	39.38	39.51	39.60	39.69
MPP Current (Imp A)	10.73	10.79	10.85	10.92	10.99
Open Circuit Voltage (Voc V)	47.94	48.06	48.20	48.33	48.46
Short Circuit Current (Isc A)	11.42	11.49	11.55	11.62	11.69

NMOT : Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

Electrical Specifications (Integrated power)					
Pmpp gain	Pmpp / Wp	Vmpp / V	Imp / A	Voc / V	Isc / A
5%	599	42.77	13.99	50.90	14.10
10%	627	42.77	14.66	50.90	15.48
15%	656	42.78	15.32	50.91	16.18
20%	684	42.78	15.99	50.91	16.88
25%	713	42.78	16.65	50.91	17.58

Data may vary according to different environment

MECHANICAL PROPERTIES	
Cell Type	Mono cell(182x91mm)
Number of Cells	144 (72*2) pcs
Dimension	2278*1134*30mm
Weight	27.5kg
Front Glass	3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cable Type	4.0mm ²
Fire Type(Rating)	UL Type 1 / IEC Class C
Length Of Cable	(+)300mm, (-)400mm or customized

TEMPERATURE COEFFICIENT	
Temp.coeff. Of Pmax (Tk Pmax)	-0.29%/°C
Temp.coeff. Of Voc (Tk Voc)	-0.25%/°C
Temp.coeff. Of Isc (Tk Isc)	+0.043%/°C

PACKAGING	
Pallet	36pcs
40'HC	648pcs

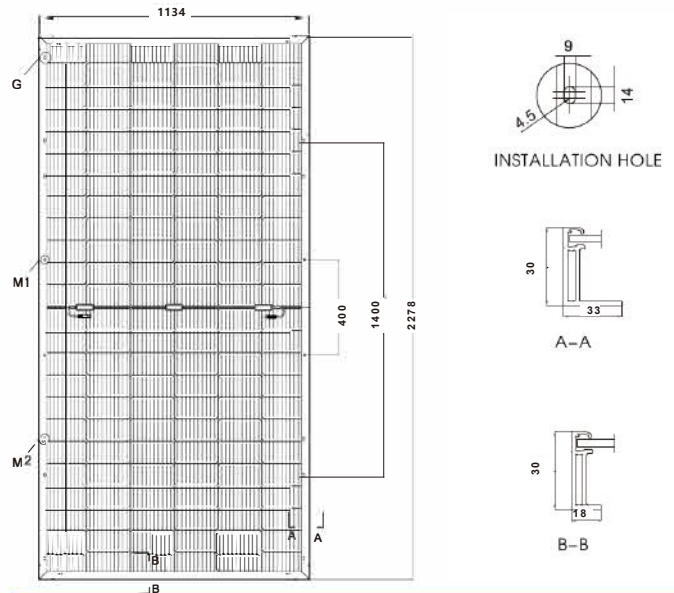
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Email : sales@dehui-technology.com
Website : www.dehui-technology.com

U.S.A Office: 14820 Central Avenue, Chino, CA 91710
China Office: Floor 28, Hang Lung Plaza, Wuxi, China
Germany Office: Sebastian-Kneipp-Str.41 60439 Frankfurt, Germany
Factory Add: Lot H2-1-5 & Lot H2-1-6 Dai Dong-Hoan Son Industrial Park, Bac Ninh Province, Vietnam



ENGINEERING DRAWING (unit: mm)



CURVES

