

# ODA-144MHD

Double glasses mono half-cut module

(TOPCon)



At least 30 years life cycle  
Extra power generation is  
higher than regular modules  
about 10%-30%



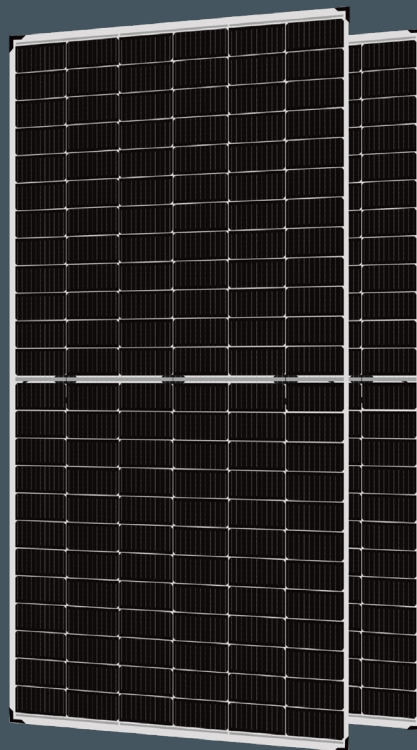
Lower electricity cost  
High double-sided ratio  
high module power  
Reduce the overall BOS of the PV system



Compared with low light conditions  
such as haze and overcast days  
Regular modules have higher power output

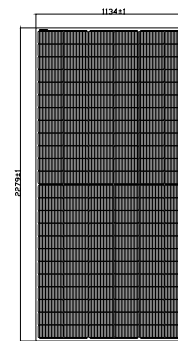


Anti-PID (Potential Induced Decay) by TUV  
North German industry standard

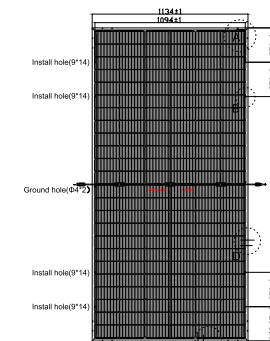


570-580W

182\*91mm



Front



Back

Unit:mm

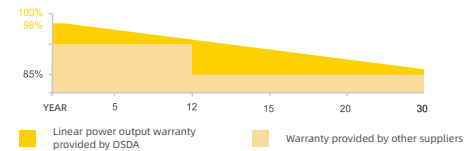
## SPECIFICATIONS

Item No.	ODA570-36V-MHD	ODA575-36V-MHD	ODA580-36V-MHD
Nominal peak power (W)	570.00	575.00	580.00
Voltage at nominal peak power (V)	42.07	42.22	42.37
Current at nominal peak power (A)	13.55	13.62	13.69
Open-circuit voltage(V)	50.74±3%	50.88±3%	51.06±3%
Short-circuit current(A)	14.31±3%	14.39±3%	14.46±3%
Module efficiency(%)	22.06	22.25	22.45
Power tolerance		0~+3%	
Pmax temperature coefficient		-0.300%	
Voc Temperature Coefficient		-0.250%	
Isc Temperature Coefficient		+0.046%	
NOCT Nominal Operating Cell Temperature		47±2	
Operating and Storage Temperature		-40~+85	
Standard test condition(STC)	1000W/m <sup>2</sup> , AM1.5,25±/-2°C		

## MECHANICAL CHARACTERISTICS AND PACKING

Cell Type	182*91 (Mono/Black Mono)
No. of Cells	144 (12*12)
Dimensions (mm)	2279*1134*5
Weight	29.7
Front Glass (mm)	2.0mm Coated high transparency tempered glass
Back Glass (mm)	2.0mm high transmission, low iron, tempered glass
Frame	frameless
Maximum System Voltage (V)	1500
Maximum Series Fuse Rating (A)	30
Junction box	IP67 /IP68 3diodes
Output cables	4mm <sup>2</sup> cable*55cm (Including MC4 connector)
Max Wind Load / Snow Load	2400Pa/5400Pa
40 HQ container	20Packages/620pcs

## Warranty



**12 YEAR** 12 years warranty on product material and workmanship

**30 YEAR** 30 years warranty on linear power output