

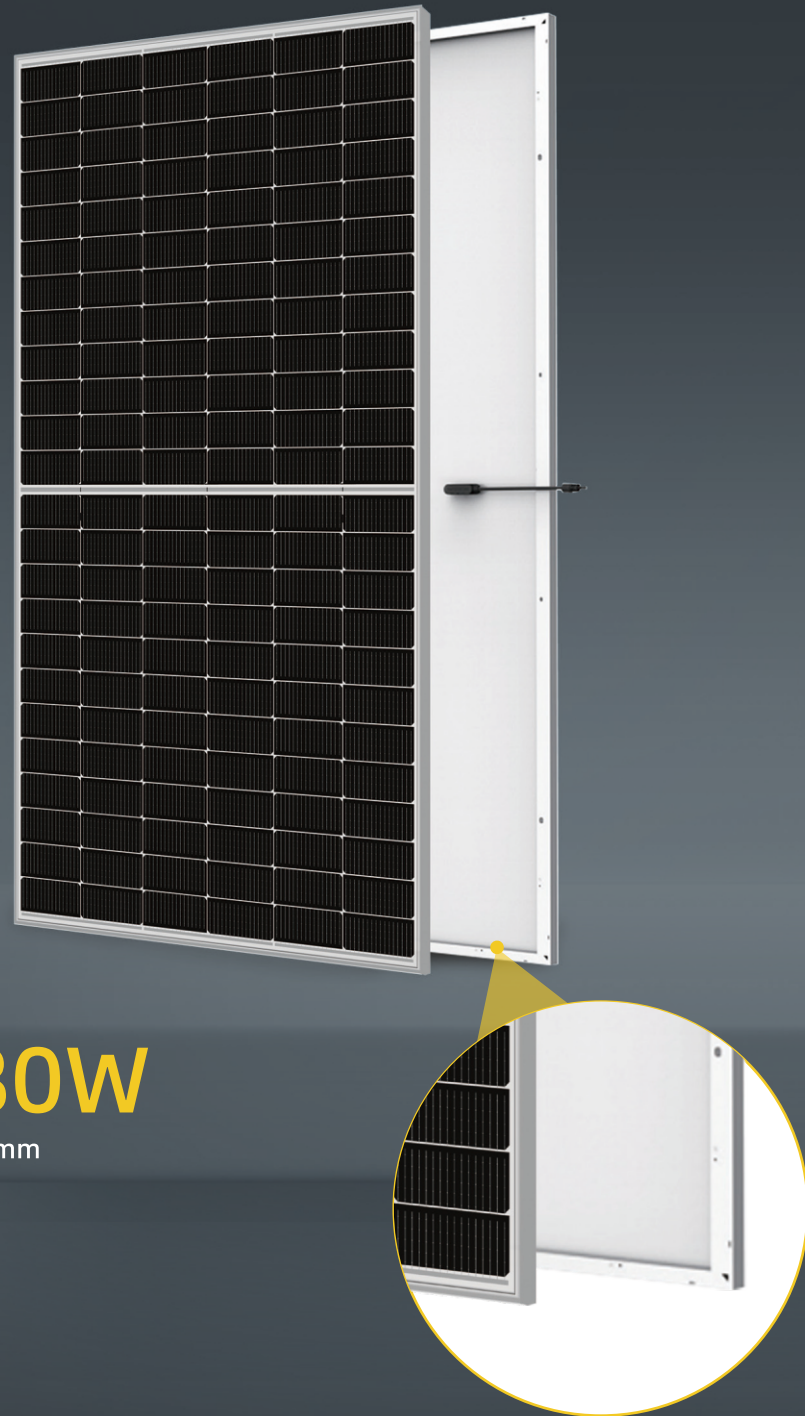


GLOBAL SMART ENERGY SOLUTION PROVIDER

# ODA-144MH

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 passed the TUV North Germany industry standards

## 580W

182\*91mm

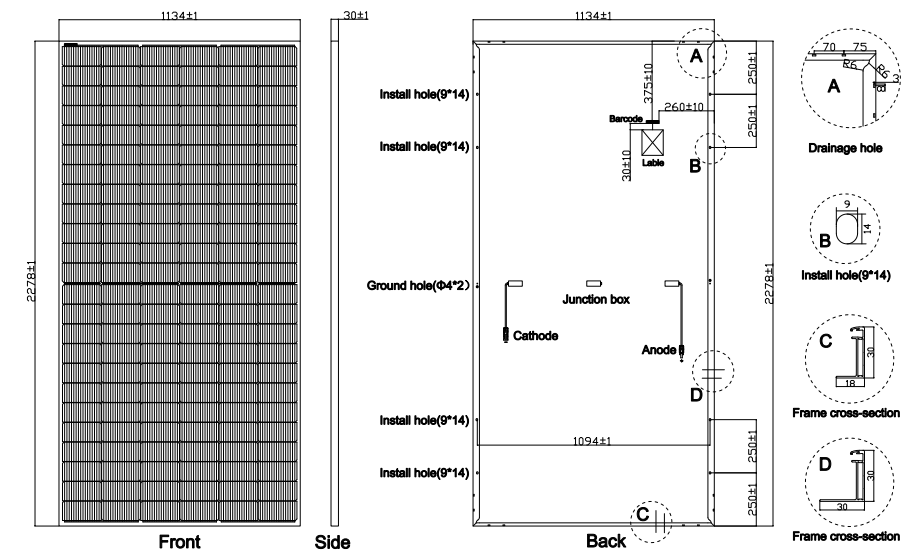
## Ningbo Osda Solar Co., Ltd.

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Official website

Official public account



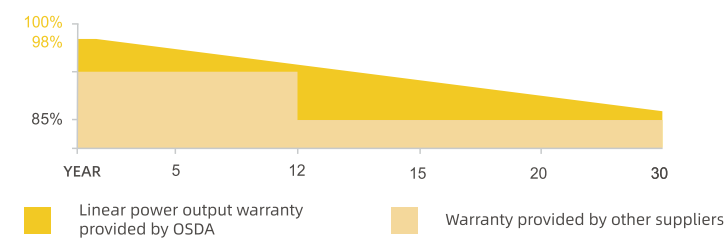
### SPECIFICATIONS

Item No.	ODA580-36V-MH
Nominal peak power (W)	580.00
Voltage at nominal peak power (V)	42.37
Current at nominal peak power (A)	13.69
Open-circuit voltage(V)	51.06±3%
Short-circuit current(A)	14.46±3%
Module efficiency(%)	22.50
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

Solar cell type	182*91 (Mono/Black Mono)
No. of cells	144 (12*12)
Dimension(mm)	2278*1134*30
Weight	28.40
Front glass(mm)	3.2mm high transmission, low iron, tempered glass
Frame	Silver/Black anodized aluminium profile
Maximum system voltage (V)	1500
Maximum Series Fuse Rating Current (A)	25
Junction box	IP67 /IP68 3diodes
Output cable	4mm'cable*55cm (Including MC4 connector)
Max wind load/snow load	2400Pa/5400Pa
40HQ container	20Packages/740pcs

### Warranty



12 YEAR

12 years warranty on product material and workmanship

30 YEAR

30 years warranty on linear power output