

# ODA-120MHD

Dual glass mono half-cut module



Apply 210mm large silicon wafer technology and half module technology



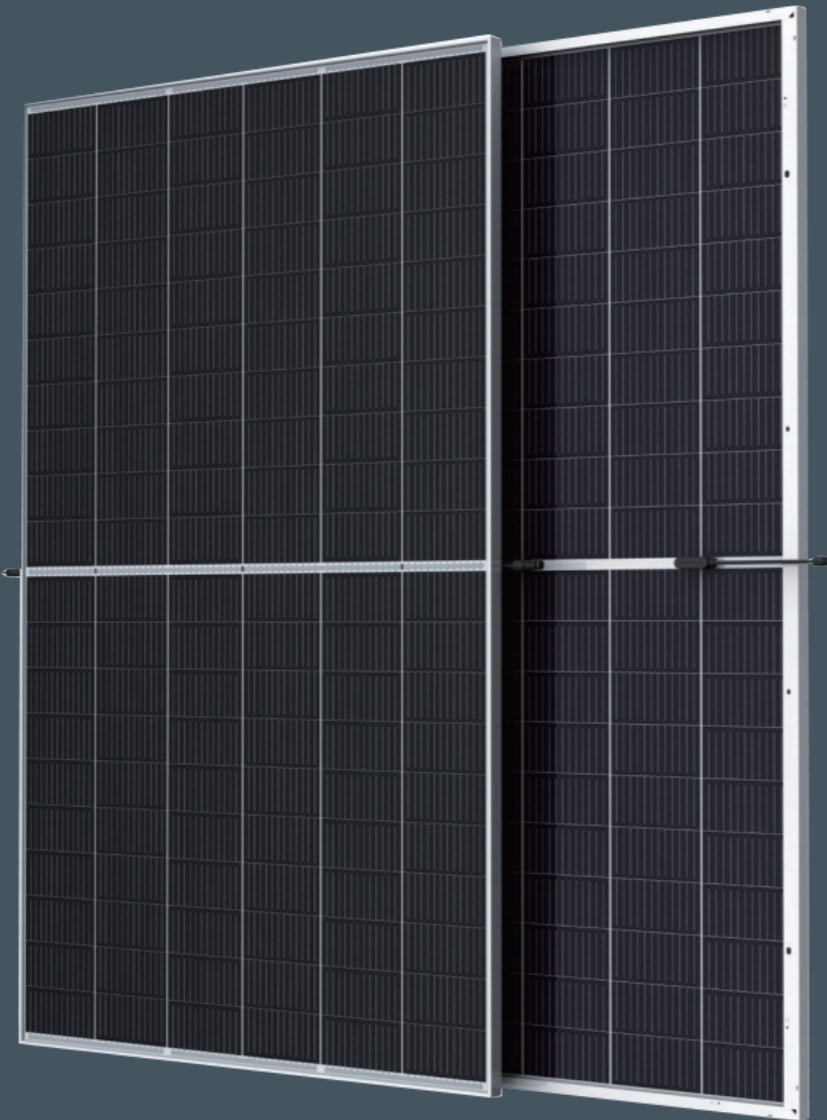
Multi-busbar (MBB) technology is applied to effectively improve optical utilization and reduce internal current consumption



Apply innovative non-destructive cutting technology to reduce the risk of cracking



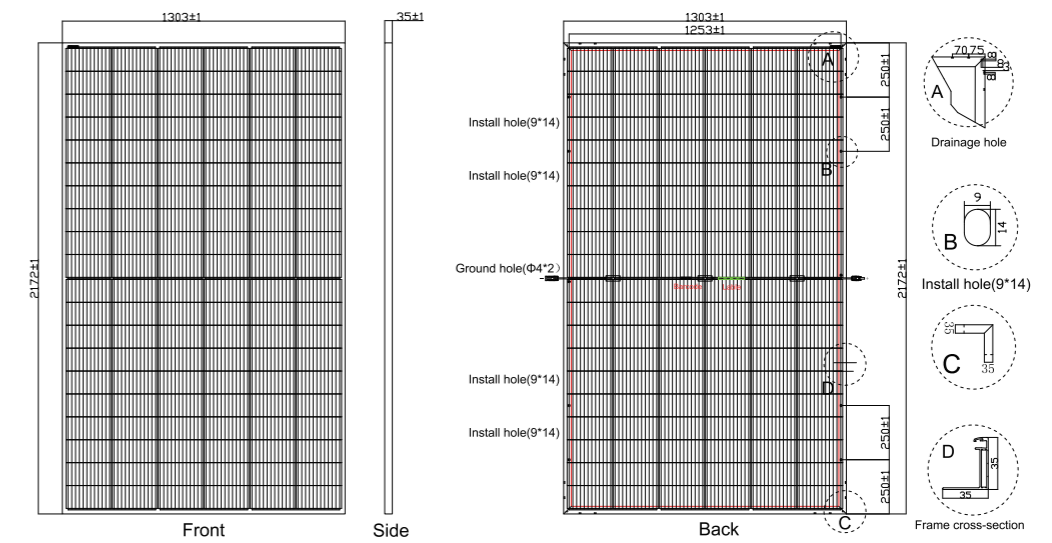
Industry standard anti-PID (potential induced decay) by TUV North Germany



## 585-605W

210\*105mm

Unit:mm



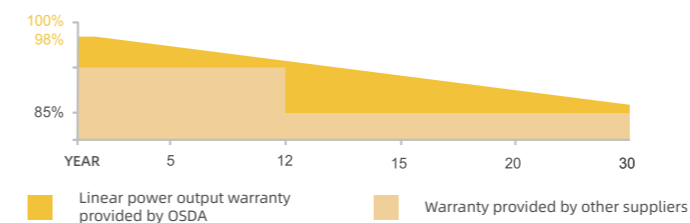
### SPECIFICATIONS

Item No.	ODA585-30V-MHD	ODA590-30V-MHD	ODA595-30V-MHD	ODA600-30V-MHD	ODA605-30V-MHD
Nominal peak power (W)	585.00	590.00	595.00	600.00	605.00
Voltage at nominal peak power (V)	33.80	34.00	34.20	34.40	34.60
Current at nominal peak power (A)	17.31	17.35	17.40	17.44	17.49
Open-circuit voltage(V)	40.90±3%	41.10±3%	41.30±3%	41.50±3%	41.70±3%
Short-circuit current(A)	18.37±3%	18.42±3%	18.47±3%	18.52±3%	18.57±3%
Module efficiency(%)	20.67	20.84	21.02	21.20	21.37
Power tolerance			0~+3%		
Pmax temperature coefficient			-0.340%		
Voc Temperature Coefficient			-0.250%		
Isc Temperature Coefficient			+0.040%		
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	210*105 (Mono/Black Mono)
No. of cells	120 (12*10)
Dimension(mm)	2172*1303*35
Weight	35.70
Front glass(mm)	2.0mm coated high-transparent tempered glass
Back glass(mm)	2.0mm high-transparent glass
Frame	Silver/Black anodized aluminium profile
Maximum system voltage	1500
Maximum Series Fuse Rating Current (A)	35
Junction box	IP67 /IP68 3diodes
Output cable	4mm <sup>2</sup> cable*55cm (Including MC4 connector)
Max wind load/snow load	2400Pa/5400Pa
40HQ container	17 Packages/527pcs

### Warranty



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

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