

PERC

ODA555-36V-MH



New circuit design
lower internal current and
lower internal resistance loss



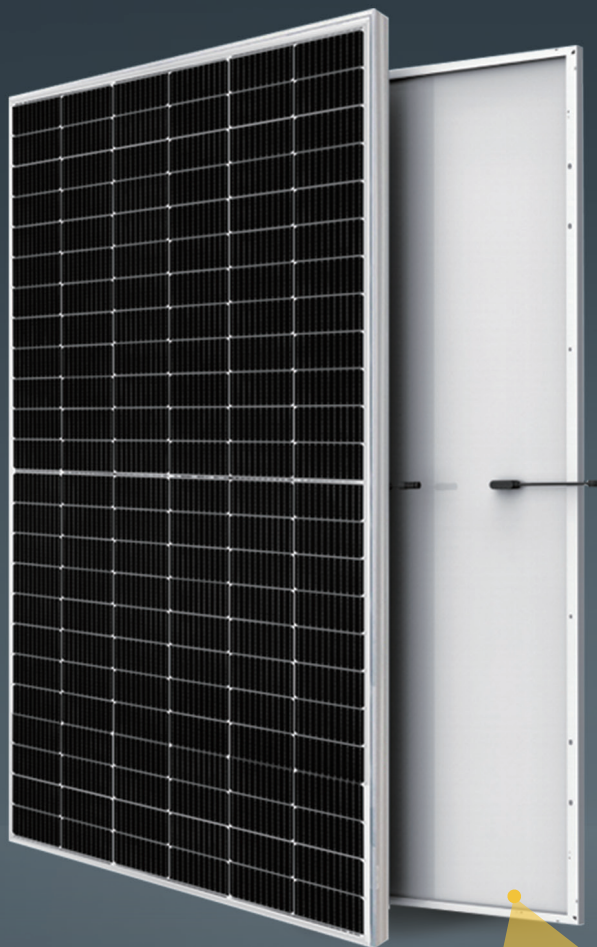
The unique circuit design to reduce the
temperature of heat spot significantly so
that to reduce the power loss
and then increase the output of modules



Increasing power generation can reduce the
cost per kilowatt-hour

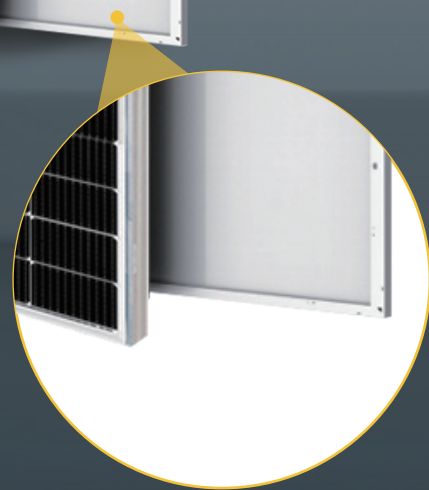


Anti-PID (potential induced decay)
by TUV North German
industry standard



555W

182*91mm



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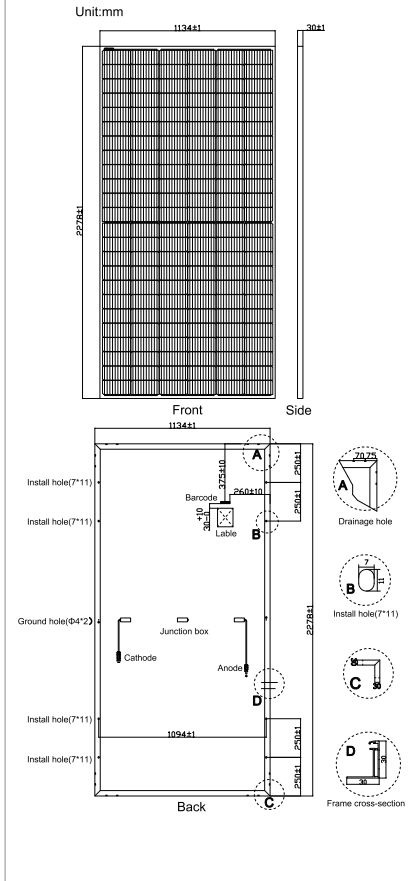


Official website



Official public account

PV DRAWINGS



ELECTRICAL DATA (STC)

Model Type	ODA555-36V-MH
Peak Power (Pmax)	555.00
Maximum Power Voltage (Vmp)	42.27
Maximum Power Current (Imp)	13.13
Open Circuit Voltage (Voc)	50.30±3%
Short Circuit Current (Isc)	14.10±3%
Module Efficiency (%)	21.48

© *STC: irradiance 1000W/m², AM1.5, and cell temperature of 25°C

ELLERICAL DATA (NOCT)

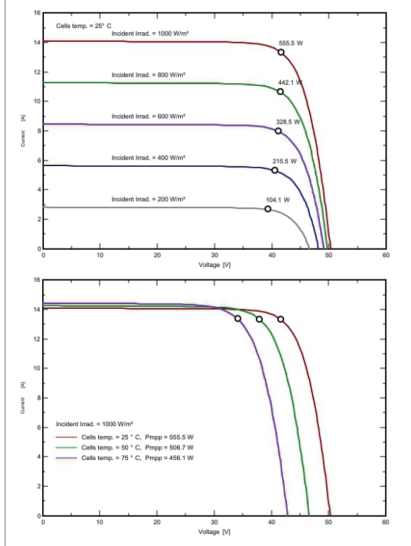
Model Type	ODA555-36V-MH
Peak Power (Pmax)	412.60
Maximum Power Voltage (Vmp)	39.25
Maximum Power Current (Imp)	10.51
Open Circuit Voltage (Voc)	47.11±3%
Short Circuit Current (Isc)	11.27±3%

© *NOCT: irradiance 800W/m², AM1.5, ambient temperature 20°C, wind speed 1m/s

TEMPERATURE & MAXIMUM RATING

Maximum System Voltage (V)	1500V
Maximum Series Fuse Rating (A)	25A
Power Tolerance	0~+3W
Pmax Temperature Coefficients (W/°C)	-0.350%/°C
Voc Temperature Coefficients (V/°C)	-0.285%/°C
Isc Temperature Coefficients (A/°C)	+0.045%/°C
NOCT Nominal Operating Cell Temperature (°C)	45±2
Operating and Storage Temperature (°C)	-40~+85

IV CURVE



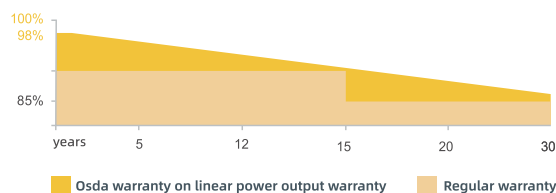
MECHANICAL CHARACTERISTICS

Cell Type	182*91 (Mono)
No. of Cells	144 (6*24)
Dimensions (mm)	2278*1134*30
Weight (Kg)	28.40
Front Glass (mm)	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm² cable 30cm (Including MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKING WAY

20FT container	5Packages/185pcs
40HQ container	20Packages/740pcs

WARRANTY



15
YEAR

Guarantee on product material and workmanship

30
YEAR

Linear Power output warranty