

V-TAC[®]

Mono Solar Panel

VT-545 – 545W Solar Panel SKU: 11354



Positive tolerance

Positive tolerance of up to 5W delivers higher output reliability.



High Efficiency

Higher module conversion efficiency benefit from half cell structure (low resistance characteristic).



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



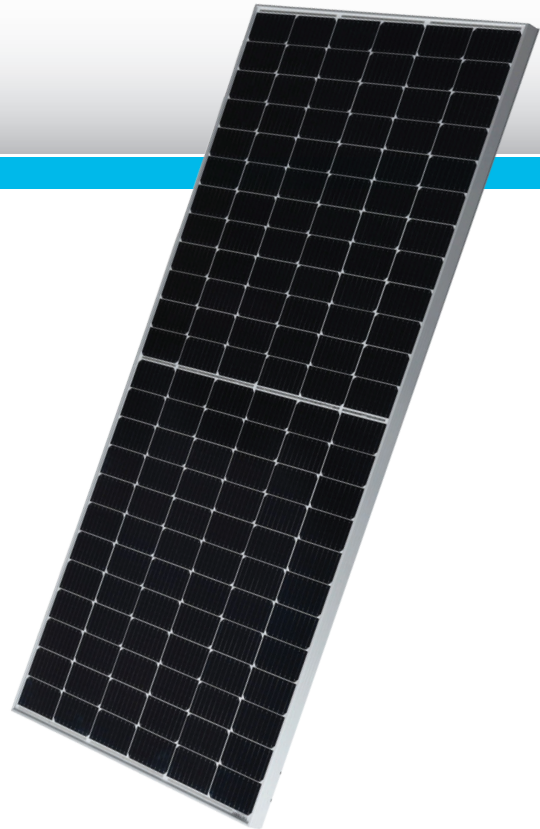
Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV NORD.



SPECIFICATIONS

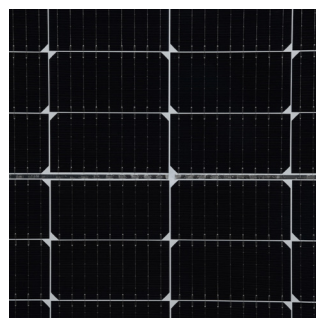
Maximum Power (Pmax)	545.00
Maximum Power Voltage (Vmp)	41.93
Maximum Power Current (Imp)	13.00
Open-circuit Voltage (Voc)	49.30±3%
Short-circuit Current (Isc)	13.92±3%
Module Efficiency STC (%)	21.08v
Maximum System Voltage (V)	1500 V
Maximum Series Fuse Rating (A)	25A
Power Tolerance	0~+3 W
Pmax Temperature Coefficient (s W/°C)	-0.350 %/°C
Voc Temperature Coefficient (s V/°C)	-0.285 %/°C
Isc Temperature Coefficient (s A/°C)	+0.045 %/°C
NOCT Nominal Operating Cell Temperature (°C)	45±2 °C
Operating and Storage Temperature (°C)	-40~+85 °C

LISTING DETAILS

SKU Code: 11354
EAN Code: 3800157682220

MASTER BOX PACKAGING

Qty Per Pallet: 31pcs/pallet



10 YEAR
WARRANTY

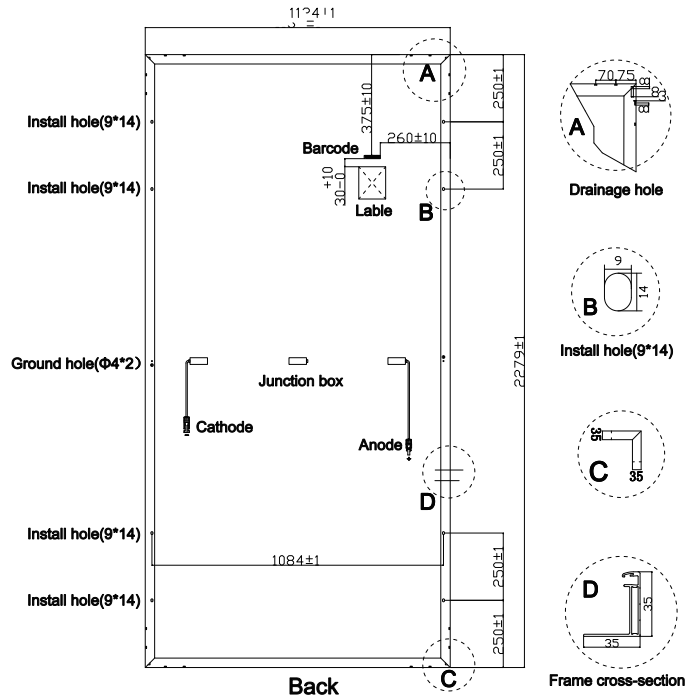
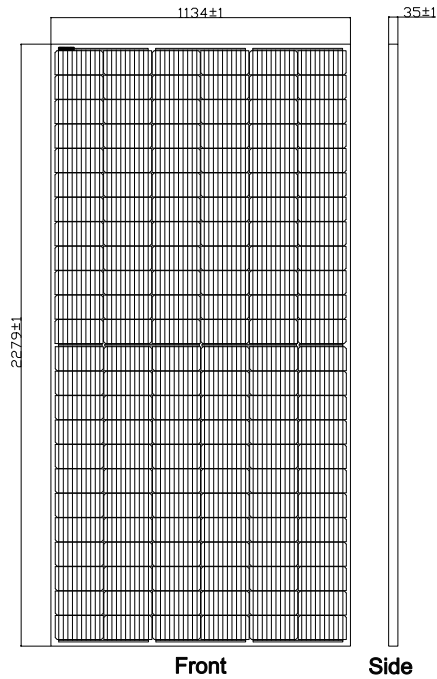
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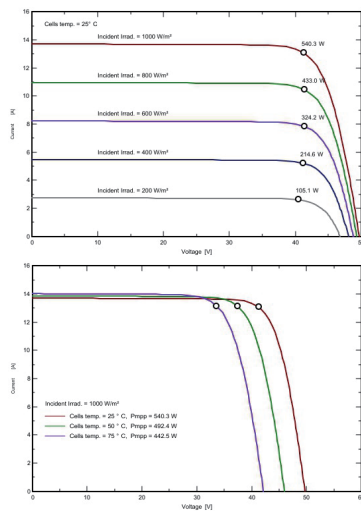
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DRAWING AND DIMENSIONS

Unit:mm



IV CURVE



MECHANICAL CHARACTERISTICS

Cell Type	182*91 Mono
No. of Cells	144 (12*12)
Dimensions	2279*1134*35mm
Weight	28.40kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3diodes
Output cables	4mm ² cable 35cm (Including MC4 connector)
MaxWind Load/Snow Load	2400Pa/5400Pa

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

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

* Power measurement tolerance: ± 3%