

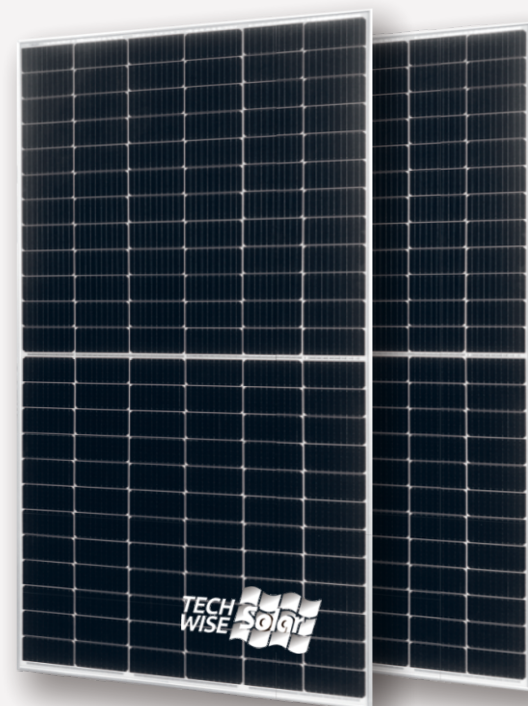
Sun-Pursuit Series

MonoCrystalline
144 - cell Module

TW-E-M72H(V)-550W

530 - 550W

0-3%Positive Tolerance



• MODULE FEATURES

High Efficiency
PERC battery technology brings lower resistance loss, reduces costs per KWH, makes conversion ratio up to 21.31%

Lower Operating Temperature
Innovative structural design half cell technology adoption reduces heat spot Possibilities and power loss situation

Ideal low-light performance
reliable performance in low-light conditions such as in the morning, at dusk and during raining days

Extended Wind and Snow Load Tests
Pass the tests withstand: 2400Pa wind load and 5400Pa snow load

PID Resistant
strict battery quality control ensures excellent PID resistant performance

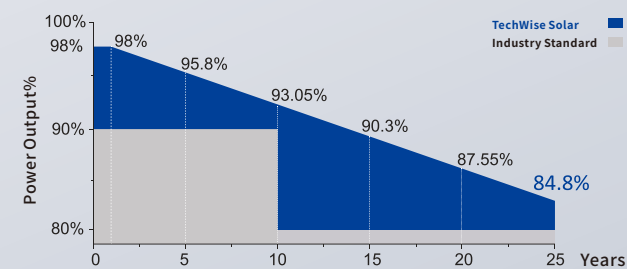
• Quality Certification

ISO9001 / ISO14001 / ISO45001

• Product Qualification



• Performance Warranty



12 Years Product Warranty

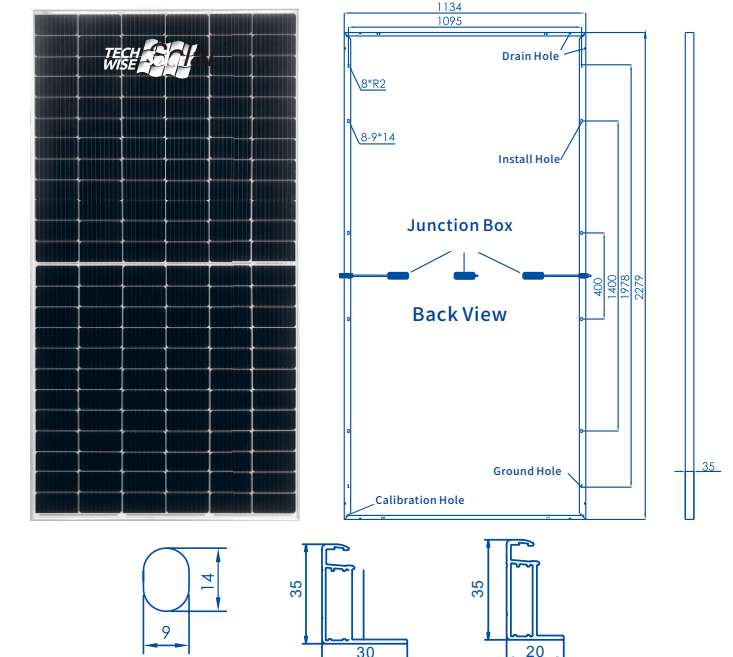
25 Years Linear Power Warranty

TW-E-M72H(V)-550W

• Product Specification •

Cell Type	Mono crystalline
Cell Quantity	144 cell
Cell Size (mm)	182*91
Module Size (mm)	2279*1134*35
Module Weight (kg)	27
Glass Thickness(mm)	3.2
Frame Material	Anodized aluminum alloy
Junction Box	IP68
Cable/Connector	4mm ² , MC4compatible
Cable Length	+300mm/-300mm;or Customize
Max System Volt(V)	1000V/1500V DC(IEC)
Max Fuse Rate(A)	25
Power Tolerance(%)	0~+3

• Engineering Drawings •



• Electrical Characteristics •

STC standard performance >>>

Power Level	530	535	540	545	550
Pmax(W)	530	535	540	545	550
Vmp(V)	41.57	41.80	42.03	42.25	42.48
Imp(A)	12.75	12.80	12.85	12.90	12.95
Voc(V)	49.63	49.76	49.89	50.10	50.32
Isc(A)	13.50	13.55	13.60	13.65	13.70
Module Efficiency(%)	20.51	20.71	20.90	21.09	21.31

NOCT standard performance >>>

Power Level	530	535	540	545	550
Pmax(W)	410	405	409	412	416
Vmp(V)	38.45	38.65	38.88	39.02	39.25
Imp(A)	10.43	10.48	10.52	10.56	10.60
Voc(V)	46.16	46.28	46.40	46.59	46.80
Isc(A)	11.05	11.09	11.13	11.17	11.21

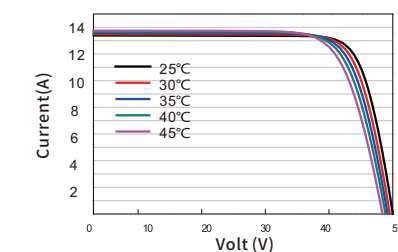
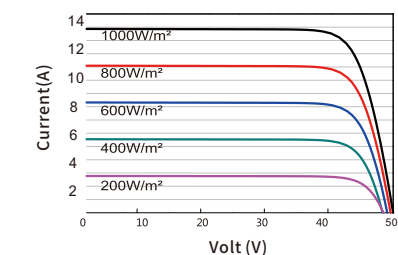
STC: Irradiance 1000W/m², Module Temperature 25°C, AM1.5

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

• Temperature Characteristics •

Operating Temp(°C)	-40~85
Operating Humidity(°C)	5~85
Hail Load Tolerance	25mm hailstone with velocity of 23m/s
Temp Coefficient	-0.35
Temp Coefficient Isc (%/°C)	0.05
Temp Coefficient Voc (%/°C)	-0.275
Operating Temp (°C)	44±2

• I-V Curve •



• Packaging Info •

Pieces per Pallet	31
Size of Packaging(mm)	2320*1140*1275
Weight of per Pallet(kg)	887
Pieces per Container	620
Size of Container	40'HC



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