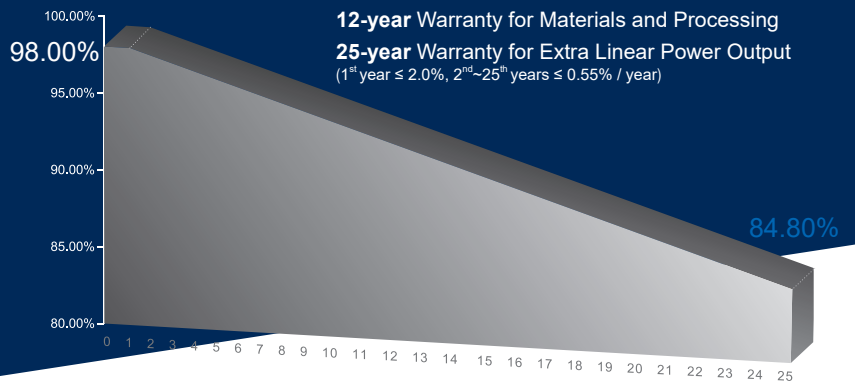




550W

Monocrystalline PV Module



KEY FEATURES

- +5W OUTPUT POSITIVE TOLERANCE**
 Guaranteed 0~+5W positive tolerance to ensure power output.
- NON-DESTRUCTIVE CUTTING**
 Higher bending strength of cells and mechanical properties of modules.
- HIGH CUSTOMER VALUE**
 Lower BOS cost and LCOE.
- INNOVATIONAL HALF-CUT&MULTI-BUSBAR TECHNOLOGY**
 Lower risk of microcrack, better shading tolerance, higher reliability.
- SUPER PERC+ CELL TECHNOLOGY**
 Higher module power and module efficiency, lower power degradation.
- Anti PID RESISTANCE**
 Excellent PID resistance.

COMPREHENSIVE CERTIFICATES



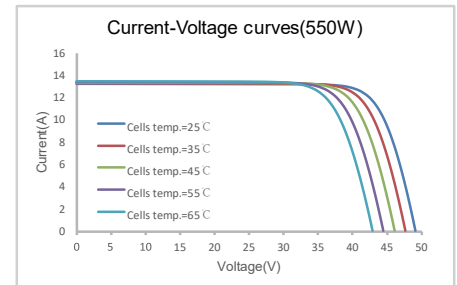
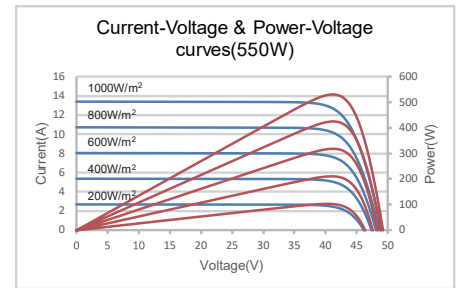
**TRACK SUN SOLAR ENERGY,
 FOR OUR FUTURE LIFE!**

ELECTRICAL SPECIFICATIONS

STC rated output (P_{mpp})	550 Wp
Rated voltage (V_{mpp}) at STC	41.97 V
Rated current (I_{mpp}) at STC	13.10 A
Open circuit voltage (V_{oc}) at STC	49.98 V
Short circuit current (I_{sc}) at STC	13.98 A
Module efficiency	21.6%
Rated output (P_{mpp}) at NMOT	409.8 Wp
Rated voltage (V_{mpp}) at NMOT	39.19 V
Rated current (I_{mpp}) at NMOT	10.53 A
Open circuit voltage (V_{oc}) at NMOT	47.78 V
Short circuit current (I_{sc}) at NMOT	11.34 A
Temperature coefficient (P_{mpp})	-0.35%/°C
Temperature coefficient (I_{sc})	+0.045%/°C
Temperature coefficient (V_{oc})	-0.27%/°C
Nominal module operating temperature (NMOT)	41±2°C
Maximum system voltage (IEC/UL)	1500V _{DC}
Number of diodes	3
Junction box IP rating	IP 68
Maximum series fuse rating	25 A

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5
 NMOT: Irradiance 800W/m², Ambient Temperature 20°C, AM=1.5, Wind Speed 1m/s

CURVE



MECHANICAL SPECIFICATIONS

Outer dimensions (L x W x H)	2256 x 1133 x 35 mm
Frame technology	Aluminum, silver anodized
Front glass thickness	3.2 mm
Cable length (IEC/UL)	Portrait: 300 mm Landscape: 1400 mm
Cable diameter (IEC/UL)	4 mm ² / 12 AWG
① Maximum mechanical test load	5400 Pa (front) / 2400 Pa (back)
Fire performance (IEC/UL)	Class C (IEC) or Type 4 (UL)
Connector type (IEC/UL)	HCB40 / MC4-EVO2

① Refer to TracksunSolar crystalline installation manual or contact technical department.
 Maximum Mechanical Test Load=1.5×Maximum Mechanical Design Load.

PACKING SPECIFICATIONS

① Module Weight	27.2 kg
② Packing unit	31 pcs / box
Weight of packing unit (for 40'HQ container)	882 kg
Number of modules per 40'HQ container	620 pcs

① Tolerance +/- 1.0kg
 ② Subject to sales contract

MODULE DIMENSION DETAILS

