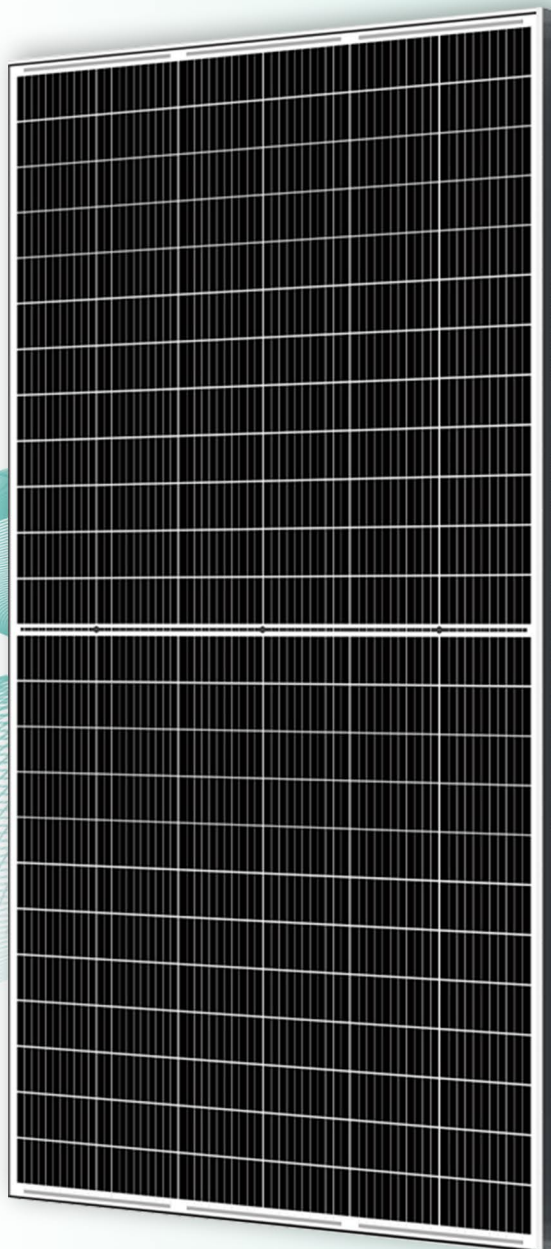




TAI ENERGY

525-550W SOLAR PANEL

MORE POWER

- Module power up to 550W
module efficiency up to 21.2%
- Compatible with mainstream trackers,
cost effective product for utility power plant.
- Better shading tolerance



Up to 4.5% lower LCOE
Up to 5.6% lower system cost



Comprehensive LID/Le TID
mitigation technology, up
to 50% lower degradation

MORE RELIABLE

- Minimizes micro-crack impacts
- Lower internal current, lower hot spot temperature
- Heavy snow load up to 5400 Pa, wind load up to 2400 Pa.



Enhanced product warranty
on materials and workmanship



Linear power performance warranty

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525-550W SOLAR PANEL

Nominal Max.Power(Pmax)	525W	530W	535W	540W	545W	550W
Opt. Operating Voltage(Vmp)	40.7V	40.9V	41.1V	41.3V	41.5V	41.7V
Opt. Operating Current(Imp)	12.90A	12.96A	13.02A	13.08A	13.14A	13.20A
Open Circuit Voltage(Voc)	48.6V	48.8V	49.0V	49.2V	49.4V	49.6V
Short Circuit Current(Isc)	13.75A	13.80A	13.85A	13.90A	13.95A	14.00A
Module Efficiency	20.50%	20.70%	20.90%	21.10%	21.30%	21.50%
Operating Temperature	~40℃~+85℃					
Max System Voltage	1500V(IEC) or 1000V(IEC)					
Module Fire Performance	CLASS C (IEC 61730)					
Max. Series Fuse Rating	30A					
Application Classification	Class A					
Power Tolerance	0+10W					
Cell Type	182mm wafer/mono-crystalline					
Cell Arrangement	144[2×(12×6)]					
Dimensions	2261×1134×35mm (89.0×44.6×1.38 in)					
Weight	27.8kg(61.3lbs)					
Front Cover	3.2mm tempered glass					
Frame	White and Black Anodized aluminium alloy, crossbar enhanced					
J-Box	IP68,3 bypass diodes					
Cable	4mm ² (IEC)					
Per Pallet	30 pieces					
Per Container	40HQ/600 pieces					

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