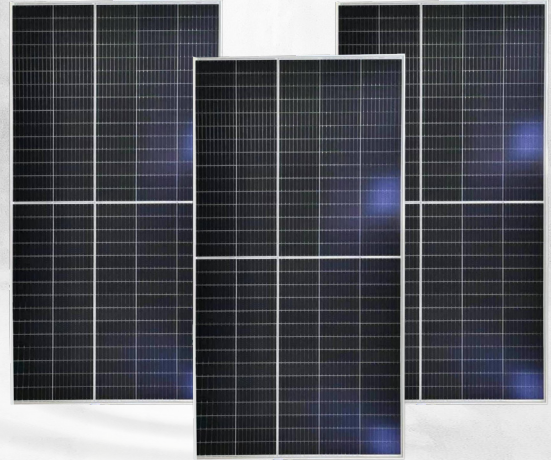




Features:

- Eco friendly
- Micro Crack free Panels - 100%
- Positive Power Tolerance Modules
- Excellent performance in Low Light.
- Anti-Reflective Coating (ARC) Glass.
- Tested Before and After Lamination.
- Ideal for On-Grid as well as Off-Grid applications
- Advanced IP67/IP68 Junction Box with rated MC4.
- Salt Mist, Ammonia, Blowing Sand & Hail Resistant.
- All Panels have RFID (Radio frequency identification) Tag.
- Sustain Heavy Wind and Snow Loads (2400Pa and 5400Pa).
- Compatible Connectors for Long-Term Weather Endurance.
- Undergoes Rigorous Quality Control and more than 20 in-house tests (DH: Damp Heat Test, TC: Thermal Cycling Test, HF: Humidity Freeze Test)
- Highly Classified A-Grade Solar Cells for Lesser Degradation & High Energy.
- PID (Potential Induced Degradation) Free Modules with Long Term Reliability.



TECHNICAL SPECIFICATIONS

Electrical Specification	545W
Nominal maximum power (Pmax)	545W
Optimum operating Voltage (Vmp)	41.79V
Optimum Operating Current (Imp)	13.04A
Open Circuit Voltage (Voc)	50.15V±3%
Short Circuit Current (Isc)	13.94A±4%
Operating Temperature	-40°C~+85°C
Maximum System Voltage	1500-2000 VDC
Maximum Series Fuse Rating	25A
RFID	Yes
Power Measurement Tolerance	±3%
Temperature Coefficient	
Pmax	-0.45/°C
Voc	-0.35/°C
Isc	-0.060/°C
NOCT (Nominal Operating Cell Temperature)	45°C
Mechanical Data	
Cell Type	Monocrystalline
Cell Arrangement	75 (5x15)
Dimensions	2185 x 1098 x 35 mm
Weights	29.0 (kg)
Front Cover	Tempered glass
Frame material	Anodized aluminium alloy
Application Level	Class A+