



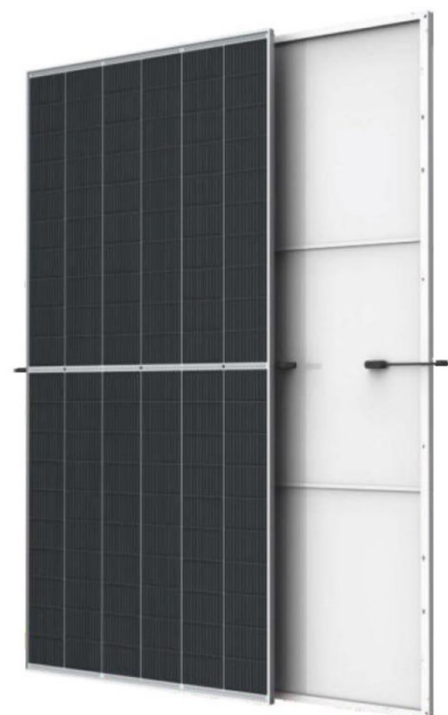
A550-550Wp MONO Solar Module

| Typical Performance Characteristics | |
|-------------------------------------|-----------|
| Typical Power (Wp) | 550 |
| Power Tolerance (W) | (0, + 5W) |
| Voltage at Max Power (Vmp) | 41.96 |
| Current at Max Power (Imp) | 13.11 |
| Open Circuit Voltage (Voc) | 49.90 |
| Short Circuit Current (Isc) | 14.00 |

Standard Test Conditions: 1000W / m², AM1.5 and 25°C

| Temperature Coefficients | |
|---------------------------------|-------------|
| Temperature Coefficients (Pmax) | -0.35% / °C |
| Temperature Coefficients (Voc) | -0.27% / °C |
| Temperature Coefficients (Isc) | 0.05% / °C |
| Temperature Coefficients (NOCT) | 45 + 2 °C |

| Cells | |
|-------------------|---------------------|
| Type | MBB Monocrystalline |
| Dimensions | 166 x 83 mm |
| Layout | 144 (6 x 12 x 2) |
| Module Efficiency | 21.28% |



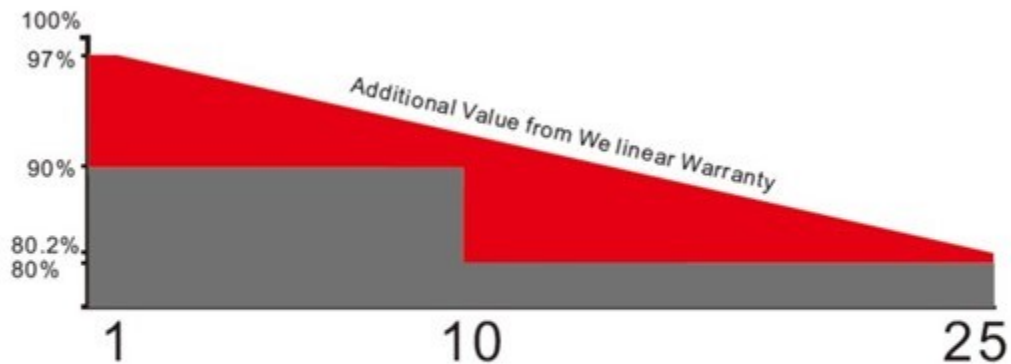
| General Information | |
|------------------------|---|
| Maximum System Voltage | 1500Vdc |
| Output Cables | 4.0 mm ² , 200mm (+) / 300mm (-) |
| Frame | Anodized Aluminium Alloy |
| Packaging | 31 Modules Per Pallet |

| Warranty Locally Supported | |
|----------------------------|-----------------------------------|
| Construction | 10 Years |
| Power Output | Terrestrial: 25 Years / 80% Yield |
| | Marine: 15 Years / 80% Yield |

| Mechanical Specifications | |
|---------------------------|------------------------|
| Dimensions | 2279mm x 1134mm x 35mm |
| Weight | 29 Kg |

A550-550Wp MONO Solar Module

Industry-Leading Warranty Based on Nominal Power



- * 25-year linear power output warranty
- * 10-year product warranty
- * The first year attenuation $\leq 2\%$



Half Cell

The power of Half-cell solar panel increases, and the hot spot temperature reduces because of lower working current



Positive Tolerance

Positive tolerance of up to 0~+5W delivers higher outputs reliability



High PID Resistant

Advanced cell technology and qualified materials lead to high PID resistant



Current Sorting Process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



Extended Wind and Snow

load tests

Module certified to withstand extreme wind (2400 Pascal) and snow loads(5400 Pascal)



1500V

Backsheet and junction box supporting 1500V system