



GLASS

Anti-reflective coating, low iron content, high solar transmittance



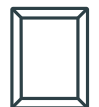
CELLS

High efficiency, top quality, cell thickness 200±40µm



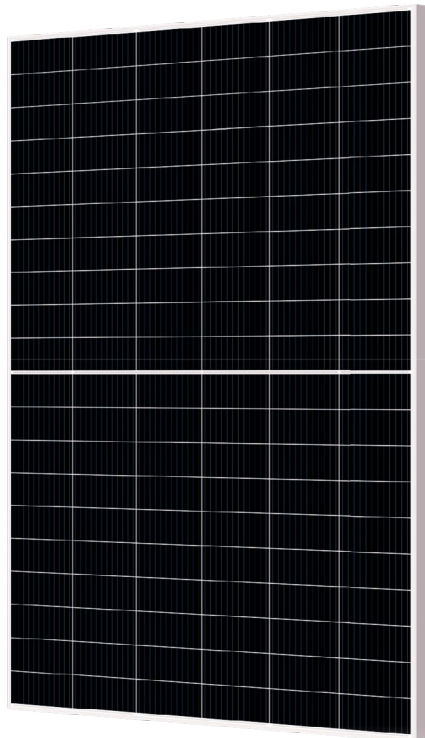
BUSBAR

High quality, over 80% copper content, softer material to reduce cell breakage



FRAME

Strong 40mm aluminium frames, durable in extreme conditions



Pictures are referential



HIGH PERFORMANCE

Greater power output even in low-light conditions, like cloudy or foggy weather



BACKSHEET

Safe and reliable 3-layer sheet, 1000 and 1500V electric insulation



ENCAPSULANT

Designed to optimize module durability and performance, PID resistant



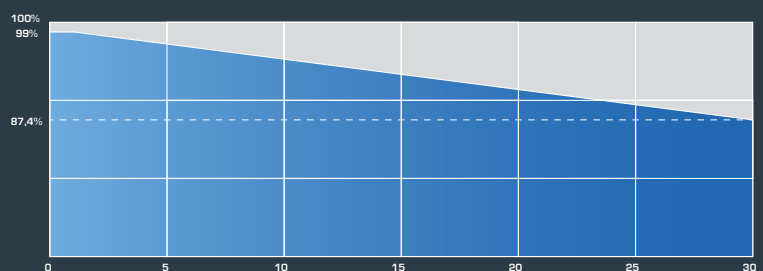
ZERO LID

The N-Type solar cell has no Light Induced Degradation

LINEAR PERFORMANCE WARRANTY

To ensure the quality of SALO[®] - Solar Panels, we give all our modules a linear warranty as follows:

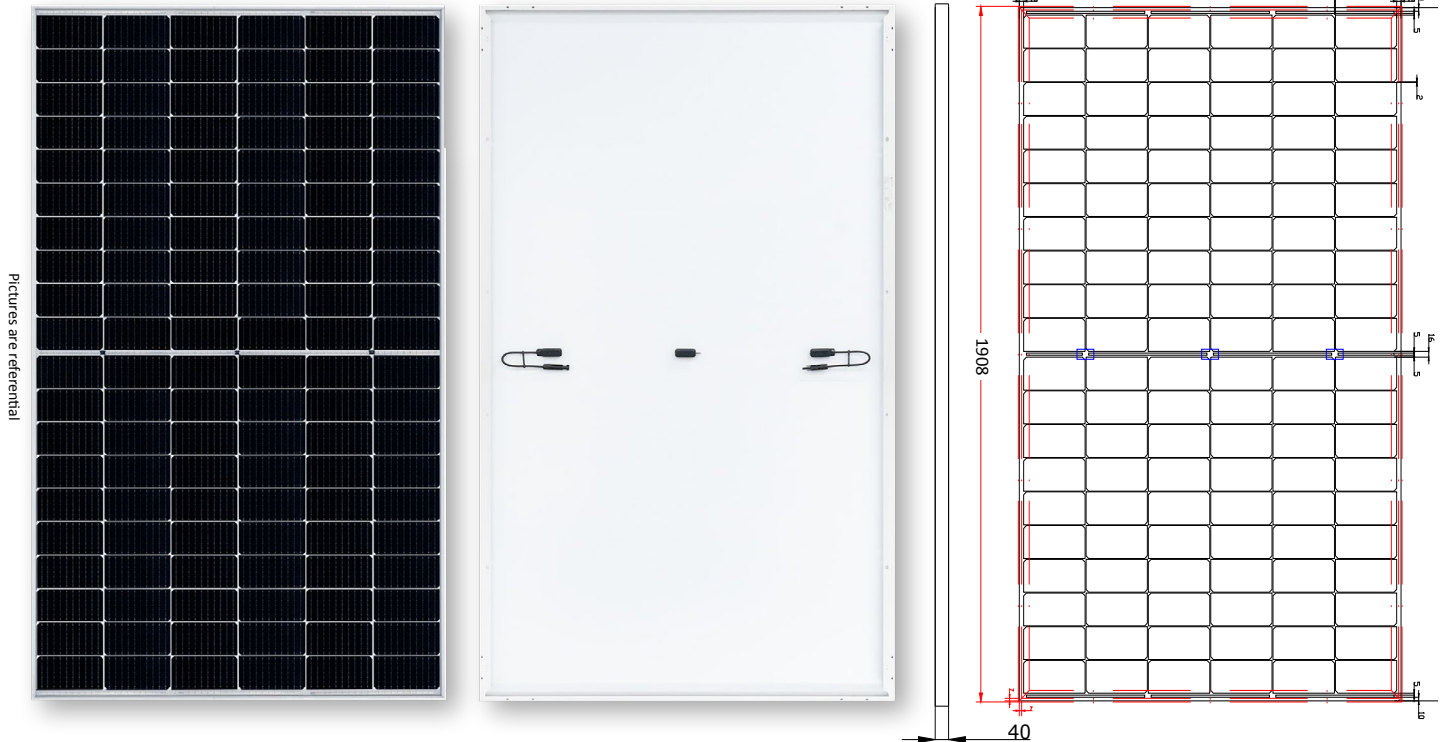
- **15 years** Product warranty on Materials and Workmanship
- **30 years** Linear Performance Warranty
- **0.40%** Subsequent Annual Degradation



Responsibly made by a Finnish-Thai solarcompany, using fully automated Finnish production lines.

SALO[®] - Solar Panel is a registered trademark of Salo Tech Ltd. SALO[®] - Solar Panels have been manufactured under the controls established by a Bureau Veritas Certification approved management system that conforms with ISO 9001, 14001, 45001.

SALO® 490W - 500W TopCon N-Type



MECHANICAL CHARACTERISTICS

| | |
|------------------------------|--------------|
| Length | 1908 mm |
| Width | 1134 mm |
| Depth | 40 mm |
| Weight | 27,4 kg |
| Cable Cross Section Size | 4 mm² |
| No. of Cells and Connections | 120 (6 x 20) |
| Cell Size | 91 x 182 mm |
| Cell Type | TopCon |
| No. of Diodes | 3 |
| No. of Busbars | 10 |

PACKAGING CONFIGURATION

| | |
|---------------------|--------|
| Unit | 40' HC |
| Pieces / Pallet | 32 |
| Pallets / Container | 24 |
| Pieces / Container | 768 |

ELECTRICAL PROPERTIES (STC*)

| | 490 W | 495 W | 500 W |
|-------------------------------|-------|-------|-------|
| Power Output (Wp) | 490 | 495 | 500 |
| Max Power Tolerance (W) | 0-5 | 0-5 | 0-5 |
| Module Efficiency (%) | 22.65 | 22.88 | 23.11 |
| Voltage Mpp-Vmpp (V) | 35.60 | 35.74 | 35.88 |
| Current Mpp-Impp (A) | 13.77 | 13.86 | 13.94 |
| Voltage Open Circuit-Voc | 42.95 | 43.10 | 43.25 |
| Short Circuit Current-Isc (A) | 14.44 | 14.48 | 14.52 |

*STC: Irradiance 1000W/m2, Cell Temperature 25°C, AM 1.5

ELECTRICAL PROPERTIES (NOCT*)

| | 490 W | 495 W | 500 W |
|-------------------------------|-------|-------|-------|
| Power Output (Wp) | 369 | 372 | 376 |
| Voltage Mpp-Vmpp (V) | 33.48 | 33.64 | 33.80 |
| Current Mpp-Impp (A) | 11.01 | 11.07 | 11.13 |
| Voltage Open Circuit-Voc | 41.02 | 41.25 | 41.43 |
| Short Circuit Current-Isc (A) | 11.69 | 11.75 | 11.81 |

Electrical data applies under standard test conditions (STC): solar radiation 1,000 W/m² with light spectrum AM 1.5, with cell temperature 25 °C. Measurement tolerance of P_{max} at STC: $\pm 3\%$. Accuracy of other electrical data: $\pm 10\%$.

