



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



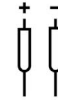
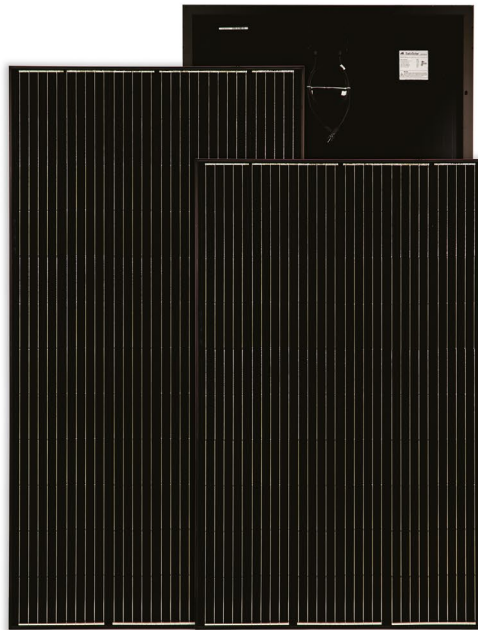
CELLS
High efficiency, top quality, cell thickness 200±20µm



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



FRAME
Min. 40mm aluminium frames with 15µm anodized film, assembled with 2-component glue



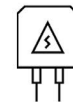
CONNECTORS
Standard MC4-connectors, Class II, IP 67



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



ENCAPSULANT
Designed to optimize module durability & performance, PID resistant

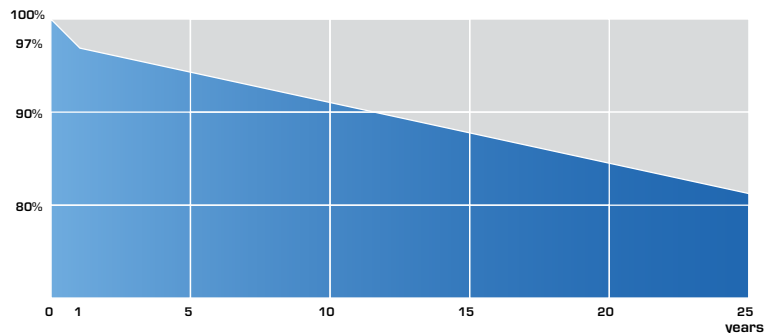


JUNCTION BOX
3 diodes, snap-on cover, Class II, 1000 and 1500V electric insulation, IP 67

LINEAR WARRANTY

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

- No more than 3% peak power degradation in the 1st. year
- No more than 0,72% peak power degradation per year in upcoming 24 years
- Minimum of 80% power output after 25 years
- Free from defects of materials and workmanship for 15 years



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 Tech Ltd.

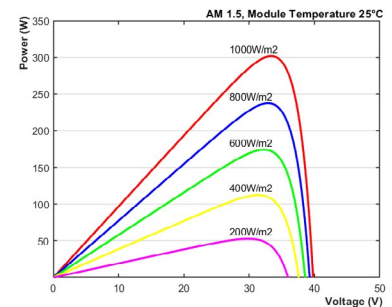
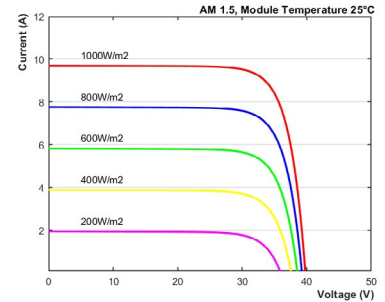
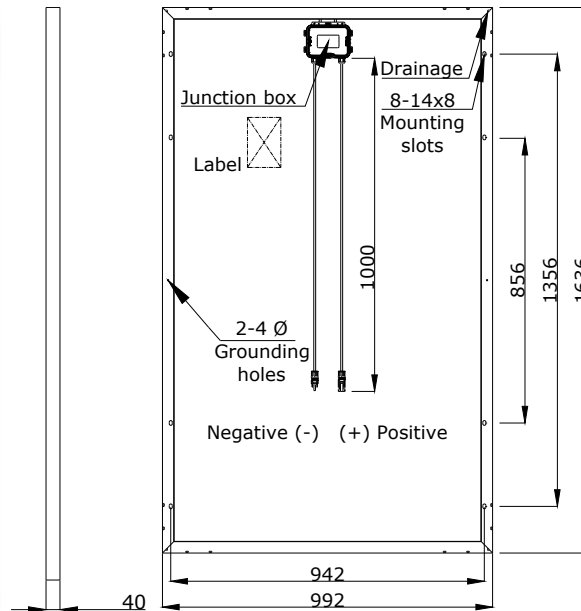
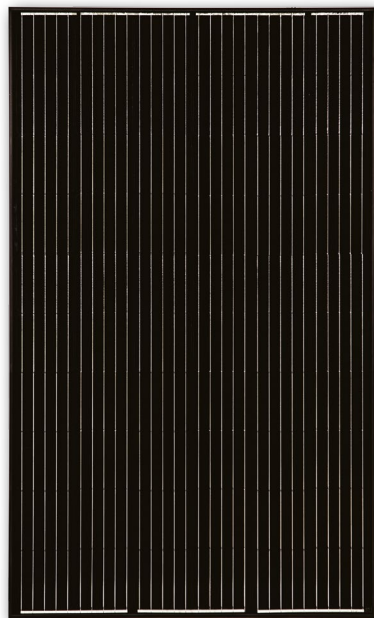
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SALO® 300W - 310W MONO *BLACK*



| MECHANICAL CHARACTERISTICS | |
|---|-------------|
| Length (mm) | 1636 |
| Width (mm) | 992 |
| Depth (mm) | 40 |
| Weight (kg) | 19,3 |
| Cable Cross Section Size (mm ²) | 4 |
| No. of Cells and Connections | 60 (6 x 10) |
| No. of Diodes | 3 |
| No. of Busbars | 5 |

| PACKAGING CONFIGURATION | | | |
|-------------------------|-------|-------|-------|
| Unit | 20'GP | 40'GP | 40'HC |
| Pieces / Pallet | 25 | 25 | 25 |
| Pallets / Container | 6 | 14 | 28 |
| Pieces / Container | 150 | 350 | 700 |

| Pallet | Dimensions | Weight (Gross) | QTY |
|--------|--------------------|----------------|-------|
| SMALL | 170 x 115 x 117 cm | 492 kg | 25 pc |

| SPECIFICATIONS | | | |
|------------------------------------|--|---------|---------|
| | 300-M-B | 305-M-B | 310-M-B |
| Rated Max Power at STC (W) | 300 | 305 | 310 |
| Max Power Voltage/Vmp (V) | 32,79 | 33,16 | 33,39 |
| Max Power Current/Imp (A) | 9,150 | 9,199 | 9,285 |
| Open Circuit Voltage/Voc (V) | 38,52 | 39,90 | 40,26 |
| Short Circuit Current/Isc (A) | 9,640 | 9,698 | 9,732 |
| Module Efficiency (%) | 18,49 | 18,79 | 19,10 |
| Max. Systems Voltage | 1000VDC | | |
| Temperature Cycling Range | -40°C~85°C | | |
| Max Series Fuse | 15 A | | |
| Max Wind Load/Max Snow Load | 2400Pa/5400Pa | | |
| Damp Heat Test | 85°C and 85% relative humidity for 1000h | | |
| Hot Spot Free | 100% EL inspection before and after lamination | | |
| Temperature Coefficient of PM | - 0,36 % / °C | | |
| Temperature Coefficient of Voc | - 0,36 % / °C | | |
| Temperature Coefficient of Isc | + 0,06 % / °C | | |
| Nominal Operating Cell Temperature | 45°C ± 3°C | | |
| Output Tolerance | 0~5W | | |