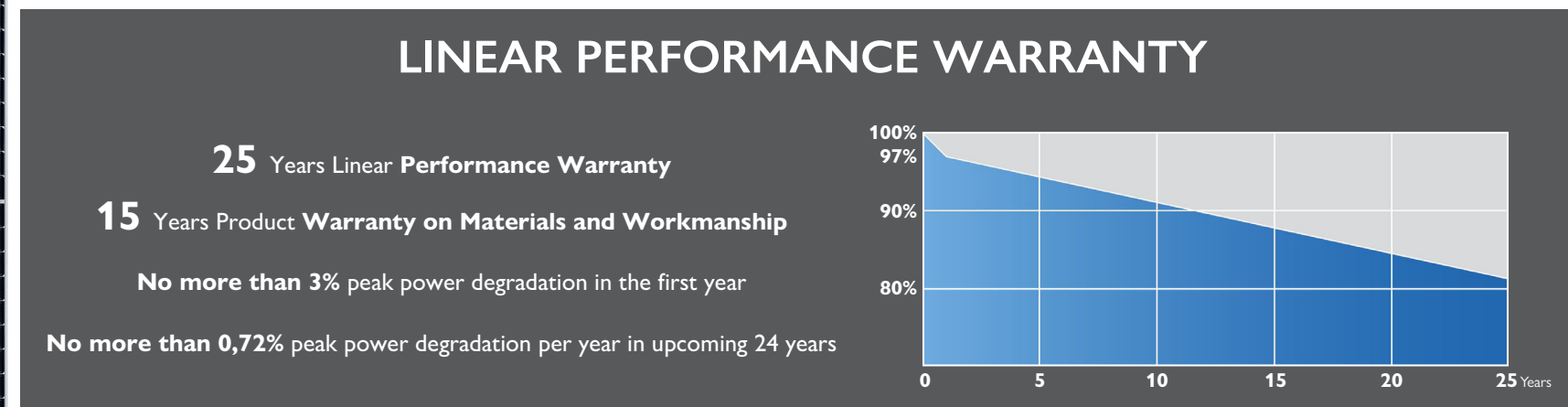
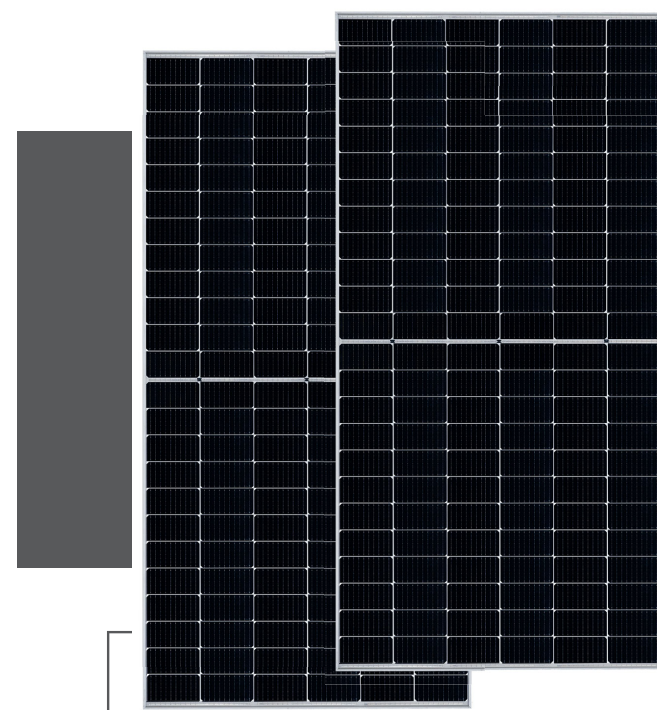


SALO® 540W-550W Mono P-Type / Half-Cut



MADE IN THAILAND

responsibly by a Thai-Finnish solar company, using fully automated Finnish production lines.



550W **21.2%** **0~+5W**
MAXIMUM **MAXIMUM** **POWER OUTPUT** **EFFICIENCY** **POWER OUTPUT TOLERANCE**



High Power Output

Enhanced light capture and current collection for improved power output and module reliability.



Outstanding Low-Light Performance

Greater power output even in low-light conditions, such as on cloudy or foggy days.



Superior Temperature Coefficient

Enhanced power output in operational environments, made possible by passivating contact cell technology.



PID Resistance

Optimized mass-production process and material control ensure outstanding Anti-PID performance.



Enhanced Mechanical Load

Certified to endure wind loads up to 2400 Pascal and snow loads up to 5400 Pascal.



Durable in Extreme Environments

Dependable quality ensures greater sustainability, even in challenging environments such as deserts, farms, and coastlines.



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

High quality. Min. 35mm aluminium frames with 15µm anodized film, assembled with 2-component glue



BACKSHEET

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

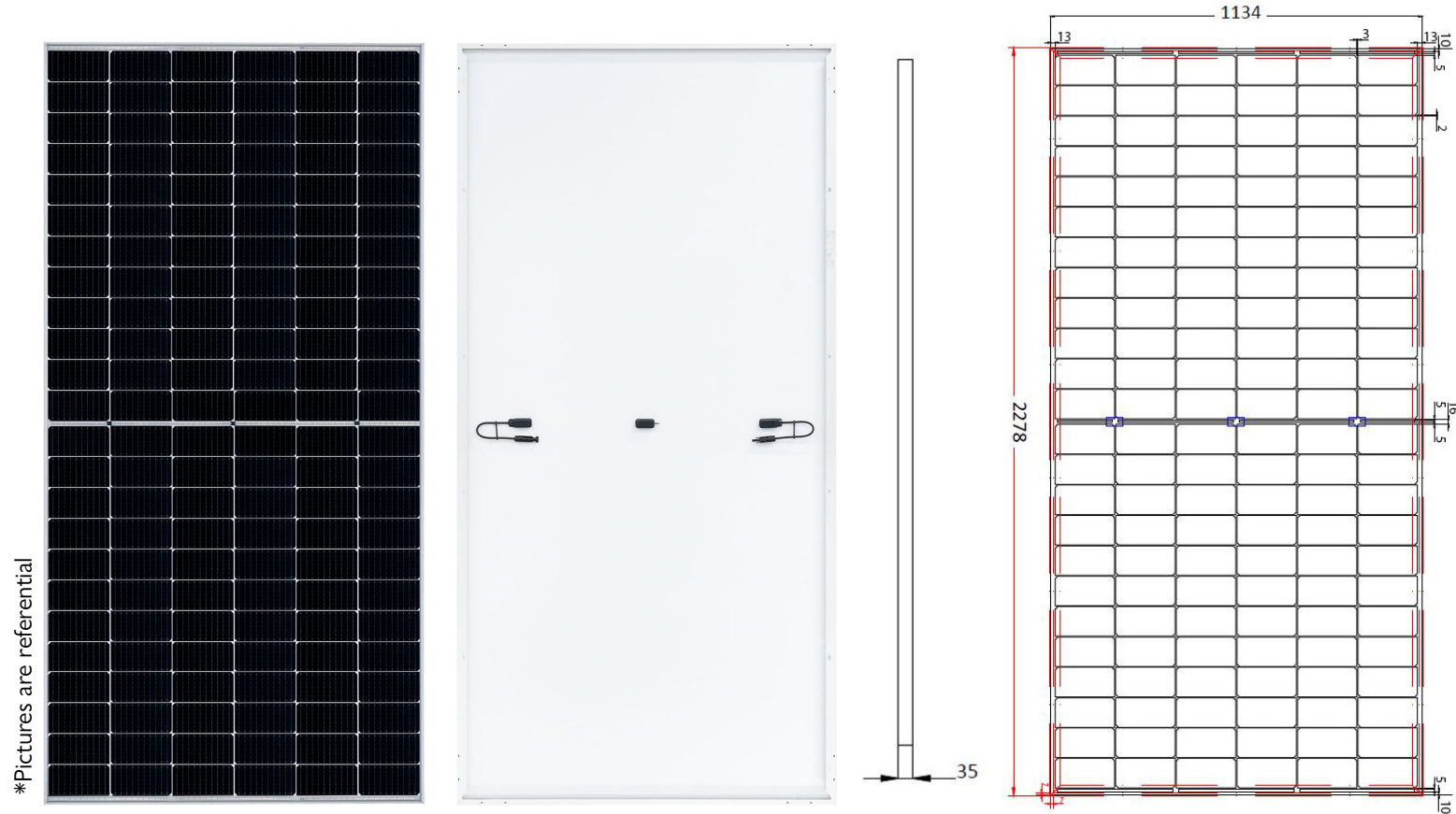


ENCAPSULANT

Designed to optimize module durability and performance, PID resistant



*Pictures are referential



MECHANICAL CHARACTERISTICS

Length	2278 mm
Width	1134 mm
Depth	35 mm
Weight	28.4 kg
Cable Cross Section Size	4 mm ²
No. of Cells and Connections	144 (6x24)
Cell Size	91 x 182 mm
Cell Type	Mono Perc
No. of Diodes	3
No. of Busbars	10

PACKAGING CONFIGURATION

Unit	40" HC
Pieces/Pallet	32
Pallets/Container	20
Pieces/Container	640

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.

TECHNICAL DATA (STC)

	540-M-HC	545-M-HC	550-M-HC
Rated Max. Power P _{MAX} (W)	540	545	550
Max. Power Voltage V _{MP} (V)	41.65	41.80	41.95
Max. Power Current I _{MP} (A)	12.97	13.04	13.12
Open Circuit Voltage V _{OC} (V)	49.50	49.65	49.80
Short Circuit Current I _{SC} (A)	13.85	13.92	13.98
Module Efficiency (%)	20.79	20.99	21.18
Max. System Voltage VDC	1000 V		
Temperature Cycling Range	-40°C ~ 85°C		
Max. Series Fuse	25 A		
Max. Wind Load/Max. Snow Load	2400 Pa - 5400 Pa		
Damp Heat Test	85°C and 85% relative humidity for 1000h		
Hot Spot Free	100% EL inspection before and after lamination		
Temperature Coefficient of P _{MAX}	-0.350 % / °C		
Temperature Coefficient of V _{OC}	-0.266 % / °C		
Temperature Coefficient of I _{SC}	+0.046 % / °C		
Nominal Operating Cell Temperature	45°C +/- 3°C		
Output Tolerance	0 ~ 3%		

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: ±3%. Accuracy of other electrical data: ±10%.