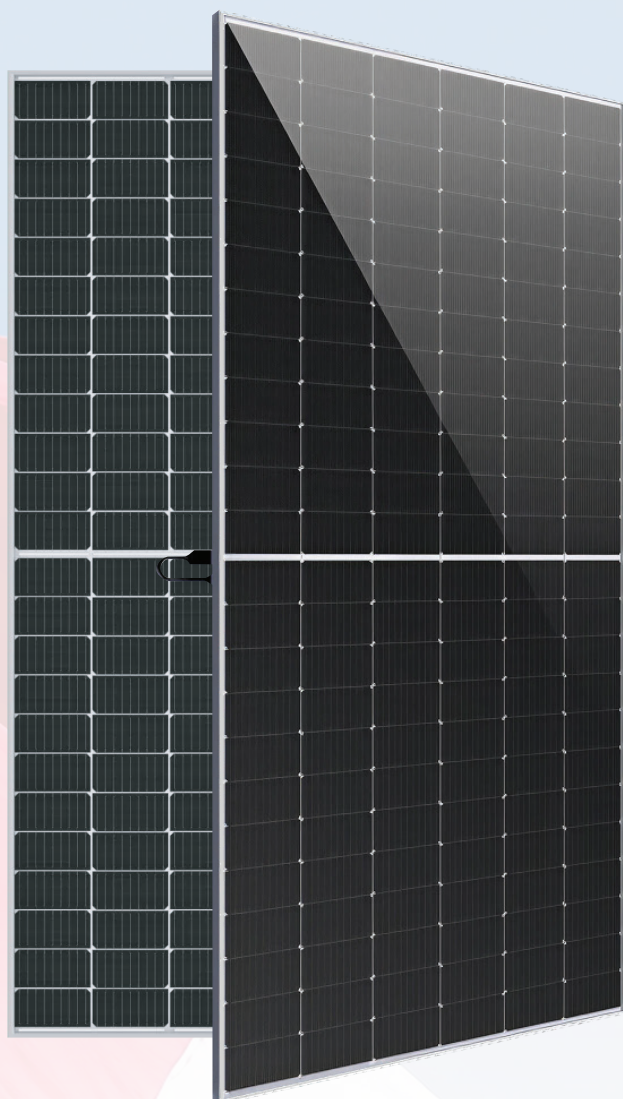


FAERS

RELIABLE ENERGY FOR A BRIGHTER TOMORROW

made in
UAE
صنع في
الإمارات



FAERS MAX

570-605W

TOPCON Bifacial Dual Glass

605W

MAXIMUM POWER OUTPUT

23.69%

MAXIMUM MODULE EFFICIENCY

0~+5W

POWER TOLERANCE

15 YEARS
PRODUCT WARRANTY
ON MATERIALS

30 YEARS
LINEAR POWER
OUTPUT WARRANTY

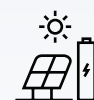
INTRODUCTION



N-TYPE TOPCON
TECHNOLOGY
FOR LOWER LCOE



DOUBLE-SIDED
POWER GENERATION,
HIGHER YIELD



ULTRA-LOW
DEGRADATION,
LONGER WARRANTY,
HIGHER OUTPUT



UNIVERSAL SOLUTION
FOR RESIDENTIAL
AND C&L APPLICATION



PID RESISTANCE

MORE POWER



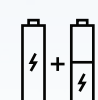
COMPATIBLE WITH
MAINSTREAM TRACKERS,
COST EFFECTIVE
PRODUCT FOR
UTILITY POWER PLANT



BETTER SHADING
TOLERANCE

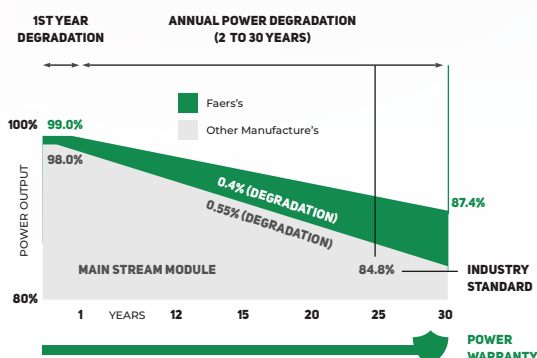


UP TO 4.5% LOWER LCOE
UP TO 5.6 LOWER SYSTEM
COST



COMPREHENSIVE LID /
LETID MITIGATION
TECHNOLOGY, UP TO 50%
LOWER DEGRADATION

LINEAR PERFORMANCE WARRANTY

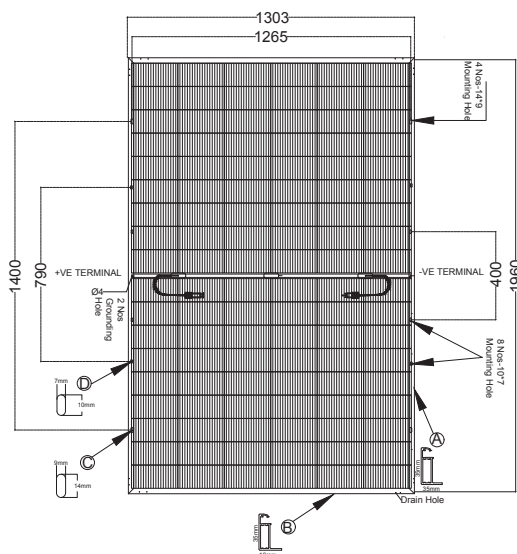


SYSTEM AND PRODUCT CERTIFICATIONS



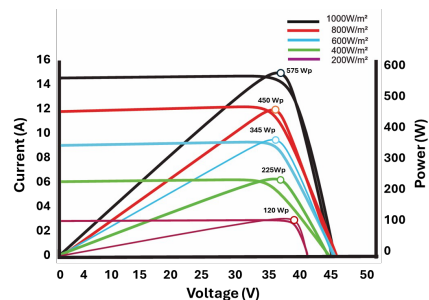
FAERS MAX 570-605W

TOPCON Bifacial Dual Glass



PACKAGING CONFIGURATION

Container	40 Feet	Pieces/Pallet	32
Panel/Container	576	Pallets/Container	18



MECHANICAL CHARACTERISTICS

Cell type	Topcon Bifacial
No.of cells	108 [2 x (9 x 6)]
Dimensions	1960x1303x35mm
Weight	32.2 kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Frame	Anodized Aluminum Alloy
EVA	Transparent EVA
Junction Box	IP68, 3 diodes 35amp
Output Cables	4 mm2 (IEC), 12 AWG (UL)
Connectors	MC4 compatible Connectors
Cable Length	400 mm (Customize length available)

Sr.Nº	Model Name	System Voltage (V)	Electrical Rating							Fuse rating (A)					Nº.of Bypass diodes	Nº.of cells per by pass diode (Nº)
			Voc (V)	Vm (V)	Isc (A)	Im (A)	Pm (W)	Eff	FF%		L (mm)	W (mm)	Frame Height	H (mm)		
1	FAERS-54HG605	1500	38.99	33.15	18.52	18.28	605	23.69	83.92	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
2	FAERS-54HG600	1500	38.94	33.11	18.38	18.15	600	23.49	83.96	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
3	FAERS-54HG595	1500	38.72	33.09	18.22	17.99	595	23.30	84.38	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
4	FAERS-54HG590	1500	38.45	33.05	18.12	17.88	590	23.10	84.82	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
5	FAERS-54HG585	1500	38.41	32.98	17.89	17.75	585	22.91	85.19	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
6	FAERS-54HG580	1500	38.35	32.93	17.81	17.62	580	22.71	84.95	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
7	FAERS-54HG575	1500	38.28	32.88	17.66	17.51	575	22.51	85.16	20	1960	1303	35	Y-35 X-23	3	36 cell half cut
8	FAERS-54HG570	1500	38.23	32.832	17.49	17.38	570	29.07	85.34	20	1960	1303	35	Y-35 X-23	3	36 cell half cut

TEMPERATURE CHARACTERISTIC

Temperature coefficients of Pmax	-0.35% °C
Temperature coefficients of Voc	-0.28% °C
Temperature coefficients of Isc	-0.048% °C

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

STC Condition Output		570	575	580	585	590	595	600	605
5%	Maximum Power Pmax	598.50	603.75	609.00	614.25	619.50	624.75	630.00	635.25
	Module Efficiency STC (%)	23.43	23.64	23.85	24.05	24.26	24.46	24.67	24.87
10%	Maximum Power Pmax	627.0	632.5	638.0	643.5	649.0	654.5	660.0	665.5
	Module Efficiency STC (%)	24.55	24.77	24.98	25.20	25.41	25.63	25.84	26.06
15%	Maximum Power Pmax	655.50	661.25	667.00	672.75	678.50	684.25	690.00	695.75
	Module Efficiency STC (%)	25.67	25.89	26.12	26.34	26.57	26.79	27.02	27.24

As part of continuous innovation and R&D improvement, the specification and key feature outline in the datasheet may be subject to minor changes and are not guaranteed "Zakh Renewable Energy & Engineering Manufacturing FZ-LLC" reserve the right to update the information provided at any time without prior notice.