

FAERS PRO

570-605W

TOPCON Bifacial Dual Glass

695W

MAXIMUM POWER OUTPUT

27.2%

MAXIMUM MODULE EFFICIENCY

0~+5W

POWER TOLERANCE

15 YEARS
PRODUCT WARRANTY
ON MATERIALS

30 YEARS
LINEAR POWER
OUTPUT WARRANTY

INTRODUCTION



N-TYPE TOPCON+MBB TECHNOLOGY FOR LOWER LCOE



DOUBLE-SIDED POWER GENERATION, HIGHER YIELD



ULTRA-LOW DEGRADATION, LONGER WARRANTY, HIGHER OUTPUT



UNIVERSAL SOLUTION FOR RESIDENTIAL AND I&L APPLICATION



PID RESISTANCE

MORE POWER



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



BETTER SHADING TOLERANCE

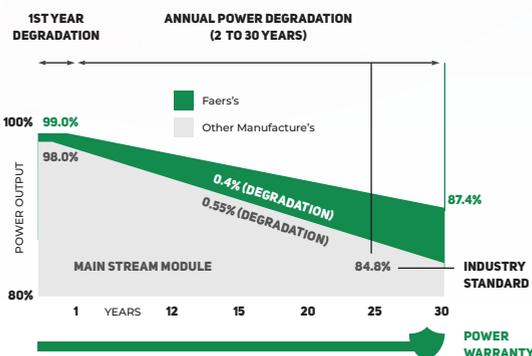


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM COST



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

LINEAR PERFORMANCE WARRANTY

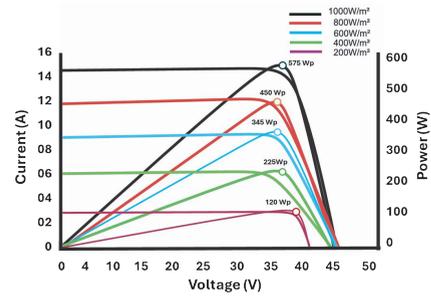
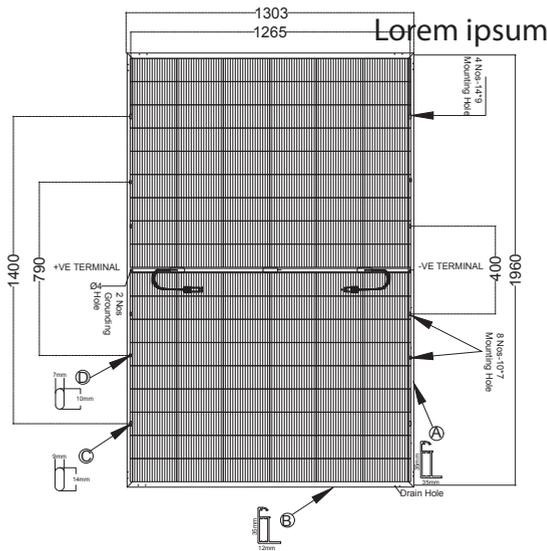


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS PRO 570-605W

TOPCON Bifacial Dual Glass



PACKAGING CONFIGURATION

Container	40 Feet	Pieces/Pallet	33
Panel/Container	594	Pallets/Container	18

MECHANICAL CHARACTERISTICS

Cell type	Topcon Bifacial
No. of cells	108 [2 x (9 x 6)]
Dimensions	1960x1303x33mm
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 mm ² (IEC), 12 AWG (UL)
Connectors	MC4 compatible Connectors
Cable Length	400 mm (Customize length available)

Sr.N ^o	Model Name	System Voltage (V)	Electrical Rating								Fuse rating (A)	L (mm)	W (mm)	Frame Height	H (mm)	N ^o . of Bypass diodes	N ^o . of cells per by pass diode (N ^o)
			Voc (V)	Vm (V)	Isc (A)	Im (A)	Pm (W)	Eff	FF%								
1	FAERS-54HG605	1500	38.99	33.15	18.52	18.28	605	23.69	83.92	20	1960	1303	33	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	33	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	33	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	33	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	33	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	33	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	33	Y-35 X-23	3	36 cell half cut	
8	FAERS-54HG570	1500	38.23	32.832	17.49	17.38	570	22.07	85.34	20	1960	1303	33	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

BNPI GAIN DEPEND ON ALBEDO USE FOR REFLECTION

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.