

FAERS MAX

635-675W

TOPCON Bifacial Dual Glass

775W

MAXIMUM POWER OUTPUT

27.5%

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

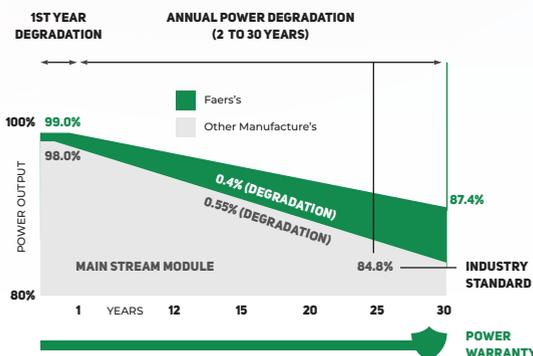


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM COST



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

LINEAR PERFORMANCE WARRANTY

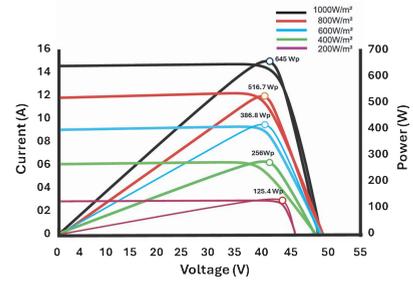
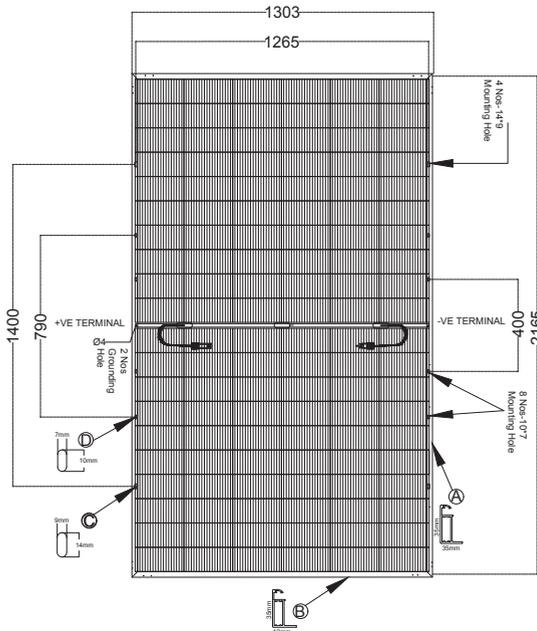


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS MAX 635-675W

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	120 [2 x (10 x 6)]
Dimensions	2165x1303x33mm
Weight	35.8 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-60H-675	1500	43.68	37.23	18.56	18.14	675.352	23.94	83.30	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
2	FAERS-60H-670	1500	43.62	37.21	18.52	18.02	670.524	23.77	83.00	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
3	FAERS-60H-665	1500	43.59	37.18	18.47	17.89	665.15	23.58	82.62	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
4	FAERS-60H-660	1500	43.49	37.16	18.45	17.78	660.705	23.42	82.34	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
5	FAERS-60H-655	1500	43.42	37.15	18.21	17.64	655.326	23.23	82.88	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
6	FAERS-60H-650	1500	43.36	37.13	18.06	17.51	650.146	23.05	83.02	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
7	FAERS-60H-645	1500	43.38	37.11	17.88	17.4	645.714	22.89	83.44	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
8	FAERS-60H-640	1500	43.13	37.09	17.71	17.27	640.544	22.71	83.86	30	2165	1303	33	Y-35 X-23	3	40 cell half cut
9	FAERS-60H-635	1500	43.08	37.05	17.63	17.16	635.778	22.54	83.71	30	2165	1303	33	Y-35 X-23	3	40 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	635	640	645	650	655	660	665	670	675
5% Maximum Power Pmax	666.75	672.00	677.25	682.50	687.75	693.00	698.25	703.50	708.75
Module Efficiency STC (%)	23.64	23.83	24.02	24.20	24.39	24.57	24.76	24.95	25.13
10% Maximum Power Pmax	698.5	704.0	709.5	715.0	720.5	726.0	731.5	737.0	742.5
Module Efficiency STC (%)	24.77	24.96	25.16	25.35	25.55	25.74	25.94	26.13	26.33
15% Maximum Power Pmax	730.25	736.00	741.75	747.50	753.25	759.00	764.75	770.50	776.25
Module Efficiency STC (%)	25.90	26.10	26.30	26.51	26.71	26.91	27.12	27.32	27.53

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.