

FAERS ULTRA

700-740W

TOPCON Bifacial Dual Glass

850W MAXIMUM POWER OUTPUT

27.4% 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 C&I APPLICATION



PID RESISTANCE

MORE POWER



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



BETTER SHADING TOLERANCE

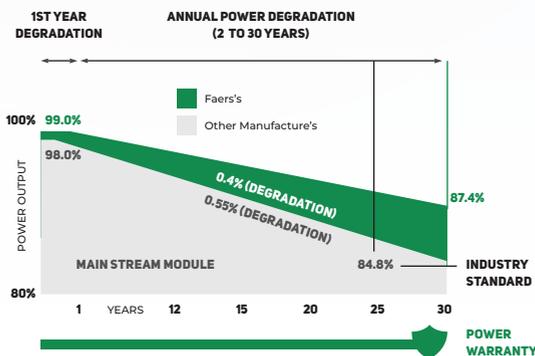


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM COST



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

LINEAR PERFORMANCE WARRANTY

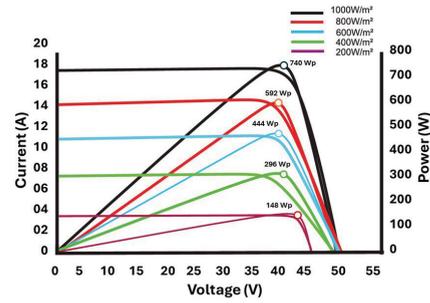
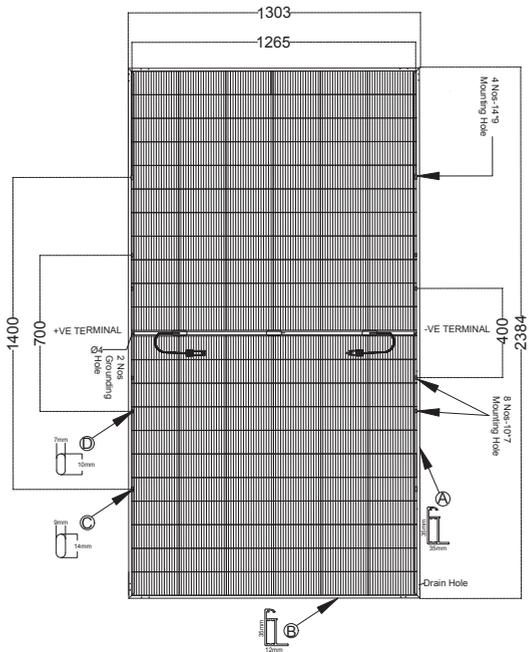


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS ULTRA 700-740W

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	132 [2 x (11 x 6)]
Dimensions	2384x1303x33mm
Weight	37.5 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%								
Model-I-66 cell family cell size 210 x 210 mm - g12																	
1	FAERS-66H-740	1500	47.62	41.46	18.62	17.85	740	23.82	88.24	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
2	FAERS-66H-735	1500	47.59	41.42	18.53	17.75	735	23.66	87.75	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
3	FAERS-66H-730	1500	47.58	41.38	18.42	17.64	730	23.50	87.22	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
4	FAERS-66H-725	1500	47.55	41.35	18.31	17.53	725	23.34	86.78	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
5	FAERS-66H-720	1500	47.53	41.33	18.22	17.43	720	23.19	86.36	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
6	FAERS-66H-715	1500	47.52	41.1	18.17	17.4	715	23.02	85.85	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
7	FAERS-66H-710	1500	47.5	40.9	18.13	17.36	710	22.86	85.37	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
8	FAERS-66H-705	1500	47.48	40.7	18.08	17.33	705	22.71	84.94	35	2384	1303	33	Y-35 X-23	3	44 cell half cut	
9	FAERS-66H-700	1500	47.45	40.6	18.02	17.25	700	22.55	84.49	35	2384	1303	33	Y-35 X-23	3	44 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

	700	705	710	715	720	725	730	735	740
STC Condition Output									
5% Maximum Power Pmax	735	740.25	745.5	750.75	756	761.25	766.5	771.75	777
Module Efficiency STC (%)	23.66	23.83	24.00	24.17	24.34	24.51	24.68	24.84	25.01
10% Maximum Power Pmax	770	775.5	781	786.5	792	797.5	803	808.5	814
Module Efficiency STC (%)	24.79	24.96	25.14	25.32	25.50	25.67	25.85	26.03	26.20
15% Maximum Power Pmax	805	810.75	816.5	822.25	828	833.75	839.5	845.25	851
Module Efficiency STC (%)	25.91	26.10	26.28	26.47	26.66	26.84	27.03	27.21	27.40

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.