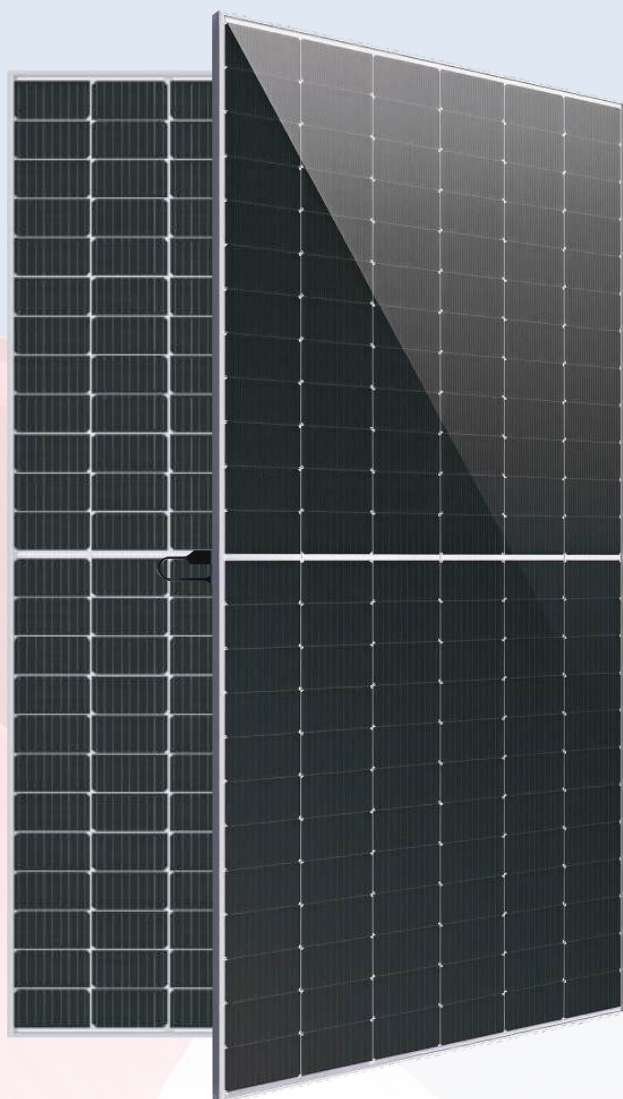


FAERS

RELIABLE ENERGY FOR A BRIGHTER TOMORROW

made in
UAE
صنع في
الإمارات



FAERS ULTRA

700-740W

TOPCON Bifacial Dual Glass

740W MAXIMUM POWER OUTPUT

23.82% 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

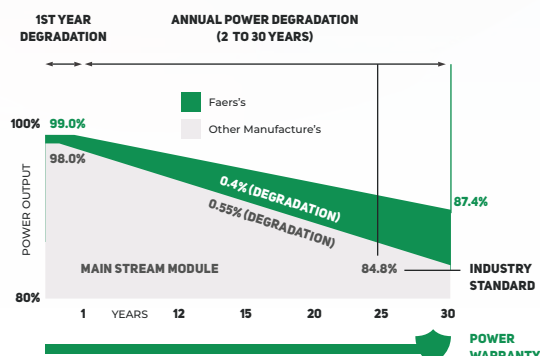


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM
COST



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

LINEAR PERFORMANCE WARRANTY

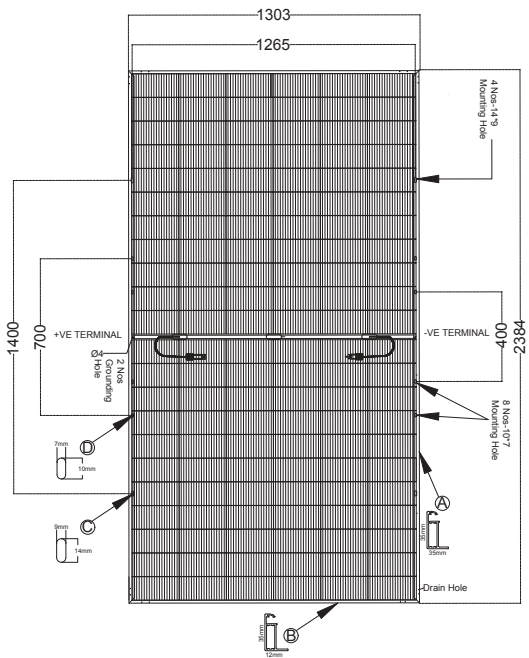


SYSTEM AND PRODUCT CERTIFICATIONS



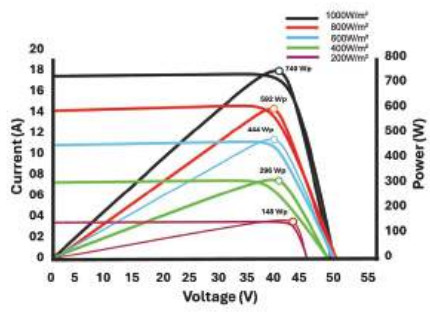
FAERS ULTRA 700-740W

TOPCON Bifacial Dual Glass



PACKAGING CONFIGURATION

Container	40 Feet	Pieces/Pallet	31
Panel/Container	558	Pallets/Container	18



MECHANICAL CHARACTERISTICS

Cell type	Topcon Bifacial
No.of cells	132 [2 x (11 x 6)]
Dimensions	2384×1303×35mm
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 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)		
Model-I-66 cell family cell size 210 x 210 mm - g12																
1	FAERS-66H-740	1500	49.6	41.3	18.9	17.9	740	23.8	78.6	35	2384	1303	35	Y-35/35 x -35/12	3	44 cell half cut
2	FAERS-66H-735	1500	49.5	41.2	18.8	17.8	735	23.6	78.6	35	2384	1303	35		3	44 cell half cut
3	FAERS-66H-730	1500	49.3	41.1	18.8	17.7	730	23.5	78.6	35	2384	1303	35		3	44 cell half cut
4	FAERS-66H-725	1500	49.2	41.0	18.7	17.6	725	23.3	78.6	35	2384	1303	35		3	44 cell half cut
5	FAERS-66H-720	1500	49.0	40.8	18.6	17.6	720	23.1	78.6	35	2384	1303	35		3	44 cell half cut
6	FAERS-66H-715	1500	48.8	40.7	18.6	17.5	715	23.0	78.6	35	2384	1303	35		3	44 cell half cut
7	FAERS-66H-710	1500	48.7	40.6	18.5	17.4	710	22.8	78.6	35	2384	1303	35		3	44 cell half cut
8	FAERS-66H-705	1500	48.5	40.5	18.4	17.4	705	22.7	78.6	35	2384	1303	35		3	44 cell half cut
9	FAERS-66H-700	1500	48.4	40.4	18.4	17.3	700	22.5	78.6	35	2384	1303	35		3	44 cell half cut

TEMPERATURE CHARACTERISTIC

Temperature coefficients of Pmax	-0.288% °C
Temperature coefficients of Voc	-0.24% °C
Temperature coefficients of Isc	+0.047% °C

BNPI GAIN DEPEND ON ALBEDO USE FOR REFLECTION

	700	705	710	715	720	725	730	735	740
STC Condition Output	700	705	710	715	720	725	730	735	740
5% Maximum Power Pmax	735	740.2	745.5	750.7	756	761.2	766.5	771.7	777
Module Efficiency STC (%)	23.6	23.8	24.0	24.1	24.3	24.5	24.6	24.8	25.0
10% Maximum Power Pmax	770	775.5	781	786.5	792	797.5	803	808.5	814
Module Efficiency STC (%)	24.7	24.9	25.1	25.3	25.5	25.6	25.8	26.0	26.2
15% Maximum Power Pmax	805	810.7	816.5	822.2	828	833.7	839.5	845.2	851
Module Efficiency STC (%)	25.9	26.1	26.2	26.4	26.6	26.8	27.03	27.2	27.4

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.