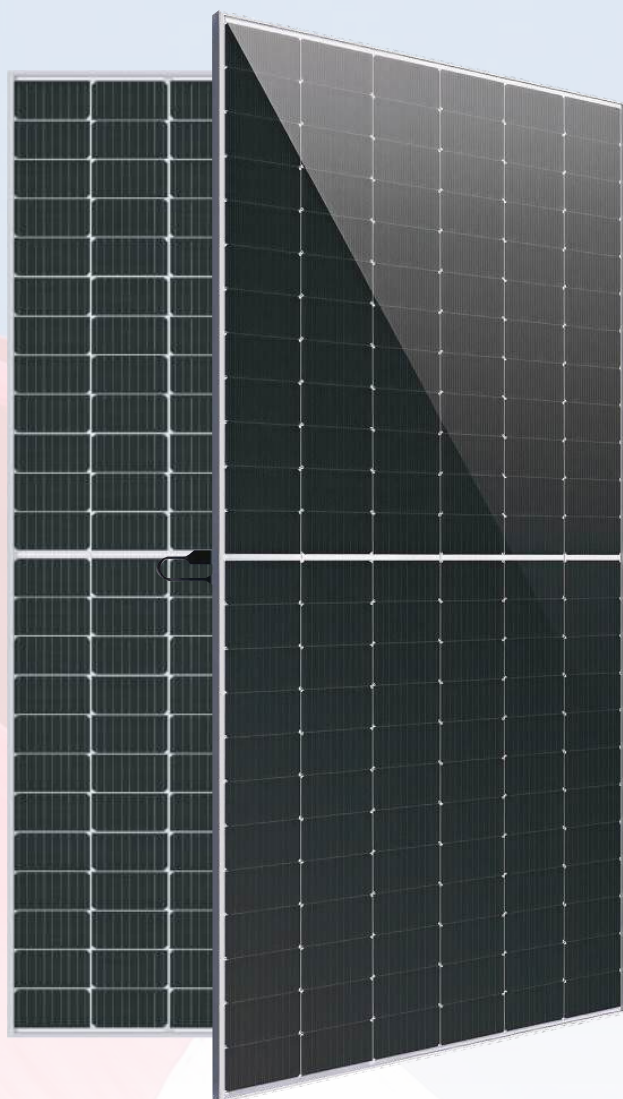


FAERS

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

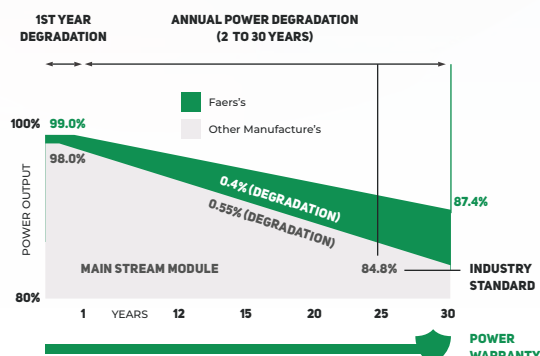


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM
COST



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

LINEAR PERFORMANCE WARRANTY

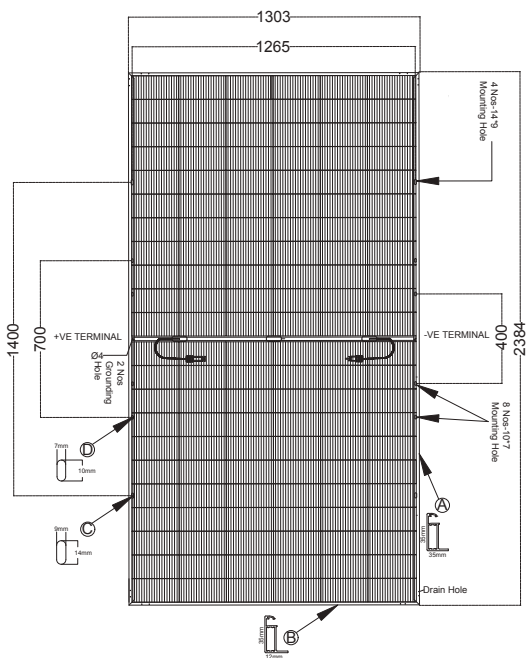


SYSTEM AND PRODUCT CERTIFICATIONS



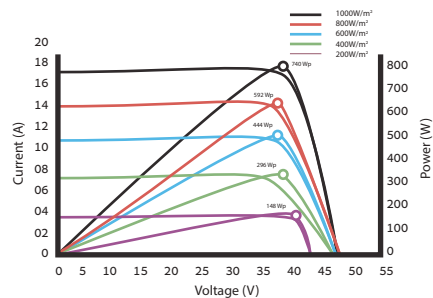
FAERS ULTRA 700-740W

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

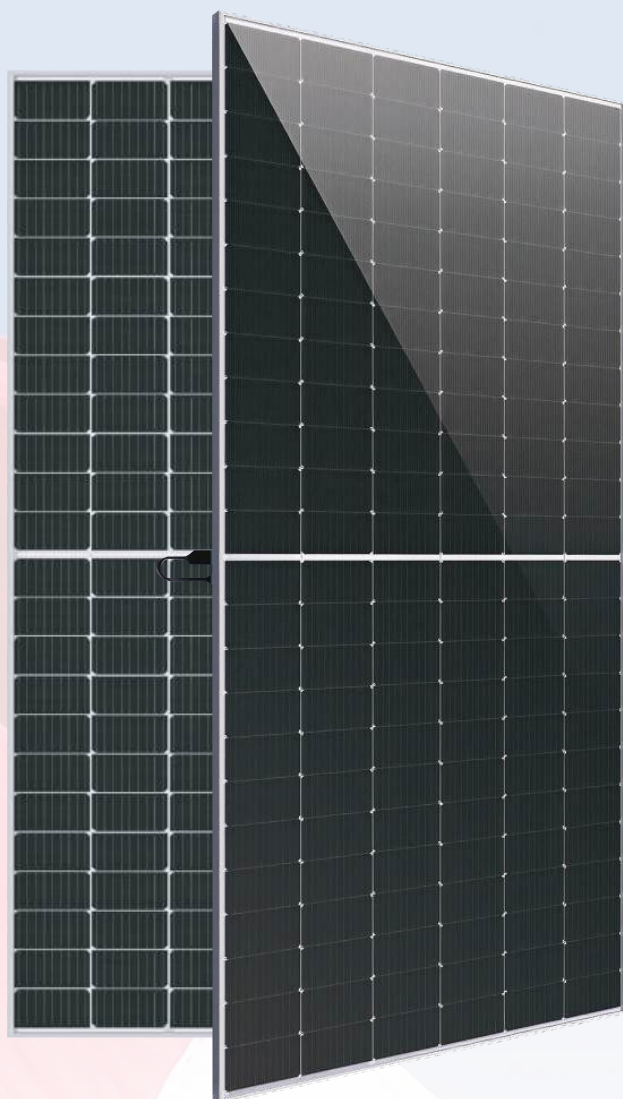
STC Condition Output	700	705	710	715	720	725	730	735	740
5% Maximum Power Pmax	735	740.2	745.5	750.7	756	761.2	766.5	771.7	777
Module Efficiency STC (%)	23.6	23.8	24.0	24.1	24.3	24.5	24.6	24.8	25.0
10% Maximum Power Pmax	770	775.5	781	786.5	792	797.5	803	808.5	814
Module Efficiency STC (%)	24.7	24.9	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

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FAERS

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FAERS MAX

635-675W

TOPCON Bifacial Dual Glass

675W

MAXIMUM POWER OUTPUT

23.94%

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

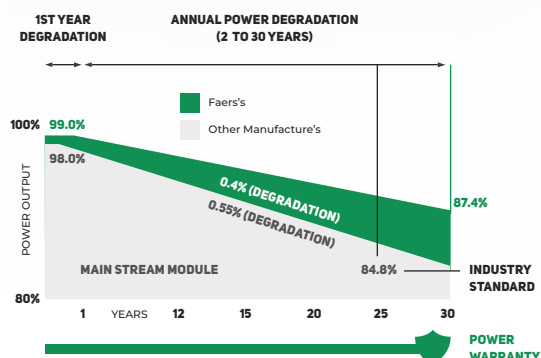


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM
COST



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

LINEAR PERFORMANCE WARRANTY

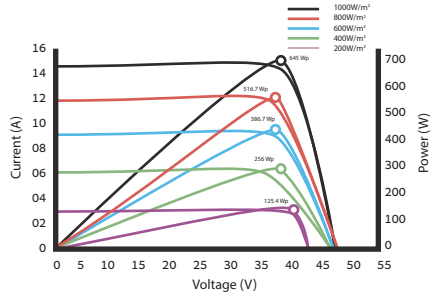
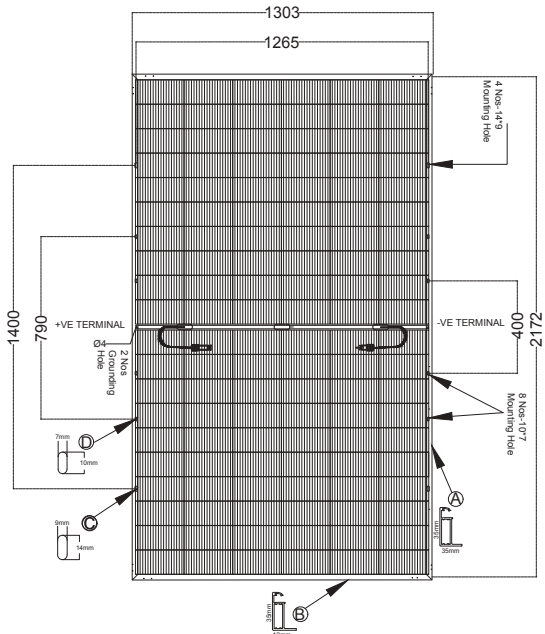


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS MAX 635-675W

TOPCON Bifacial Dual Glass



PACKAGING CONFIGURATION

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

MECHANICAL CHARACTERISTICS

Cell type	Topcon Bifacial
No.of cells	120 [2 x (10 x 6)]
Dimensions	2172x1303x35mm
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 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-60H-675	1500	45.5	38.4	18.6	17.5	675	23.9	79.3	30	2165	1303	35	Y-35/35 & X-35/12	3	40 cell half cut
2	FAERS-60H-670	1500	45.3	38.2	18.6	17.5	670	23.7	79.3	30	2165	1303	35		3	40 cell half cut
3	FAERS-60H-665	1500	45.1	38.0	18.5	17.5	665	23.5	79.3	30	2165	1303	35		3	40 cell half cut
4	FAERS-60H-660	1500	44.9	37.8	18.5	17.4	660	23.4	79.3	30	2165	1303	35		3	40 cell half cut
5	FAERS-60H-655	1500	44.7	37.6	18.4	17.4	655	23.2	79.2	30	2165	1303	35		3	40 cell half cut
6	FAERS-60H-650	1500	44.5	37.4	18.4	17.3	650	23.0	79.2	30	2165	1303	35		3	40 cell half cut
7	FAERS-60H-645	1500	44.3	37.2	18.3	17.3	645	22.8	79.1	30	2165	1303	35		3	40 cell half cut
8	FAERS-60H-640	1500	44.1	37.0	18.3	17.3	640	22.6	79.1	30	2165	1303	35		3	40 cell half cut
9	FAERS-60H-635	1500	43.9	36.8	18.2	17.2	635	22.5	79.1	30	2165	1303	35		3	40 cell half cut

TEMPERATURE CHARACTERISTIC

Temperature coefficients of P _{max}	-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

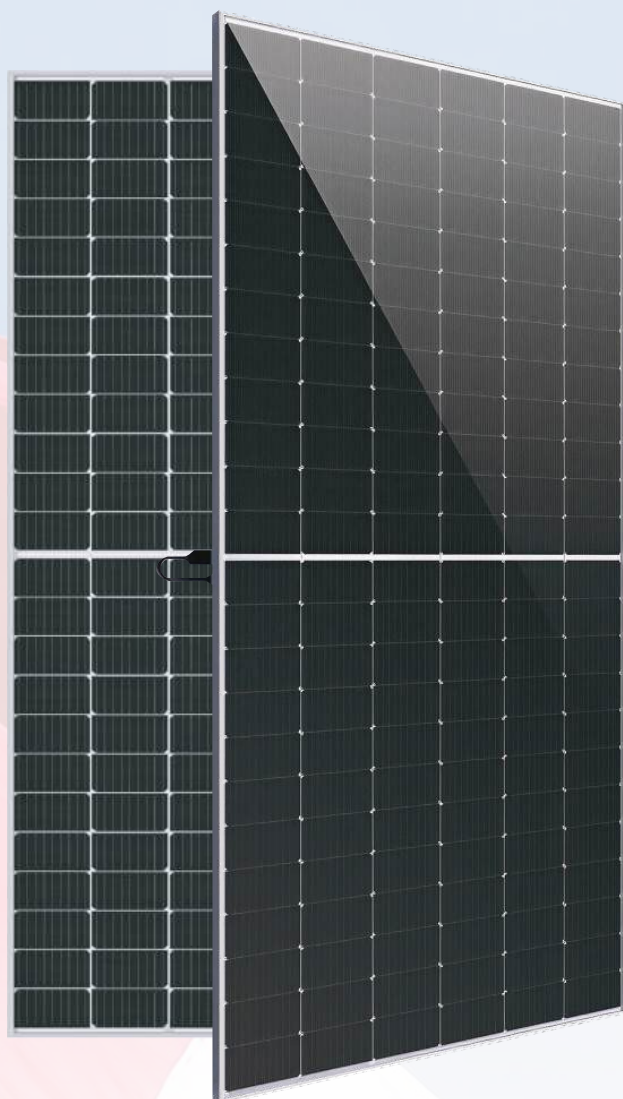
STC Condition Output		635	640	645	650	655	660	665	670	675
5%	Maximum Power P _{max}	666.7	672.0	677.2	682.5	687.7	693.0	698.2	703.5	708.7
	Module Efficiency STC (%)	23.6	23.8	24.0	24.2	24.3	24.5	24.7	24.9	25.1
10%	Maximum Power P _{max}	698.5	704.0	709.5	715.0	720.5	726.0	731.5	737.0	742.5
	Module Efficiency STC (%)	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3
15%	Maximum Power P _{max}	730.2	736.0	741.7	747.5	753.2	759.0	764.7	770.5	776.2
	Module Efficiency STC (%)	25.9	26.1	26.3	26.5	26.7	26.9	27.1	27.3	27.5

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FAERS

RELIABLE ENERGY FOR A BRIGHTER TOMORROW

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UAE
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FAERS PRO

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+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



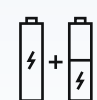
COMPATIBLE WITH
MAINSTREAM TRACKERS,
COST EFFECTIVE
PRODUCT FOR
UTILITY POWER PLANT



BETTER SHADING
TOLERANCE

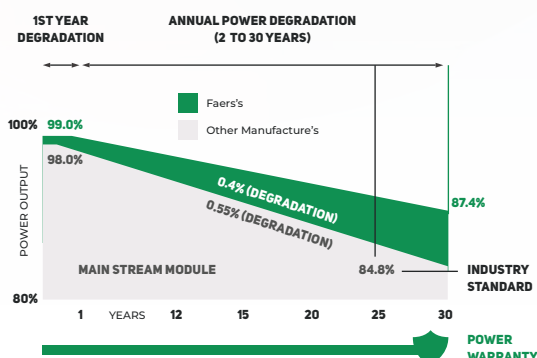


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM
COST



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

LINEAR PERFORMANCE WARRANTY

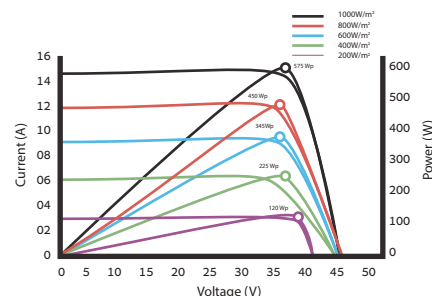
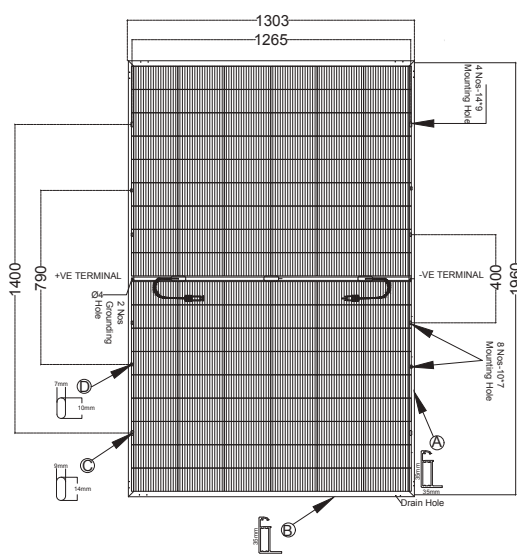


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS PRO 570-605W

TOPCON Bifacial Dual Glass



PACKAGING CONFIGURATION

Container	40 Feet	Pieces/Pallet	31
Panel/Container	558	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-54H605	1500	38.9	33.1	18.5	18.2	606	23.7	83.9	20	1960	1303	35	Y-35/35 & X-35/12	3	36 cell half cut
2	FAERS-54H600	1500	38.9	33.1	18.3	18.1	601	23.5	83.9	20	1960	1303	35		3	36 cell half cut
3	FAERS-54H595	1500	38.7	33.0	18.2	17.9	595	23.3	84.3	20	1960	1303	35		3	36 cell half cut
4	FAERS-54H590	1500	38.4	33.0	18.1	17.8	591	23.1	84.8	20	1960	1303	35		3	36 cell half cut
5	FAERS-54H585	1500	38.4	32.9	17.8	17.7	586	22.9	85.2	20	1960	1303	35		3	36 cell half cut
6	FAERS-54H580	1500	38.3	32.9	17.8	17.6	580	22.7	84.9	20	1960	1303	35		3	36 cell half cut
7	FAERS-54H575	1500	38.2	32.8	17.6	17.5	576	22.5	85.1	20	1960	1303	35		3	36 cell half cut
8	FAERS-54H570	1500	38.2	32.2	17.4	17.3	560	28.5	83.7	20	1960	1303	35		3	36 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

STC Condition Output		570	575	580	585	590	595	600	605
5%	Maximum Power Pmax	598.5	603.7	609.0	614.2	619.5	624.7	630.0	635.2
	Module Efficiency STC (%)	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8
10%	Maximum Power Pmax	627.0	632.5	638.0	643.5	649.0	654.5	660.0	665.5
	Module Efficiency STC (%)	24.5	24.7	24.9	25.2	25.4	25.6	25.8	26.0
15%	Maximum Power Pmax	655.5	661.2	667.0	672.7	678.5	684.2	690.0	695.7
	Module Efficiency STC (%)	25.6	25.8	26.1	26.3	26.5	26.7	27.0	27.2

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FAERS

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FAERS AIR

380-400W

IBC Technology Bifacial Dual Glass

400W

MAXIMUM POWER OUTPUT

23.43%

MAXIMUM MODULE EFFICIENCY

0~+5W

POWER TOLERANCE

15 YEARS

PRODUCT WARRANTY
ON MATERIALS

30 YEARS

LINEAR POWER
OUTPUT WARRANTY

INTRODUCTION



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FOR LOWER LCOE



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POWER GENERATION,
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ULTRA-LOW
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UNIVERSAL SOLUTION
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PID RESISTANCE

MORE POWER



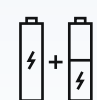
COMPATIBLE WITH
MAINSTREAM TRACKERS,
COST EFFECTIVE
PRODUCT FOR
UTILITY POWER PLANT



BETTER SHADING
TOLERANCE

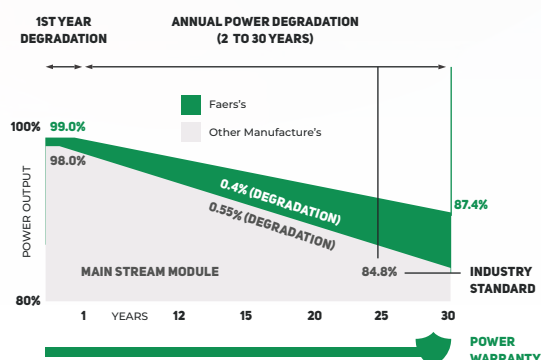


UP TO 4.5% LOWER LCOE
UP TO 5-6% LOWER SYSTEM
COST



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

LINEAR PERFORMANCE WARRANTY

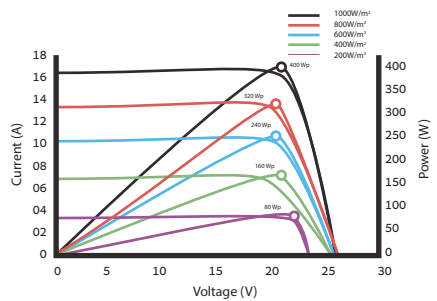
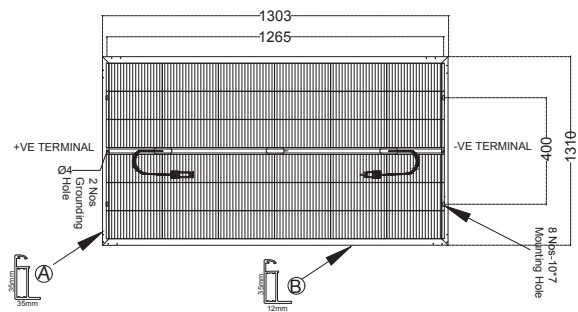


SYSTEM AND PRODUCT CERTIFICATIONS



FAERS AIR 380-400W

IBC Technology 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	72 [2 x (6 x 6)]
Dimensions	1310 x 1303 x 35 mm
EVA	Transparent EVA
Junction Box	IP68, 3 diodes 30 amp
Output Cables	4 mm² (IEC), 12 AWG (UL)
Connectors	MC4 compatible Connectors
Cable Length	400 mm (Customize length available)
Weight	28 kg

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	FAERES-36H400	1500	25.9	22.3	18.2	17.9	400	26.9	84.6	20	1310	1303	35	Y-35/35 & X-35/12	3	24 cell half cut
2	FAERES-36H395	1500	25.9	22.3	17.9	17.6	395	26.5	84.6	20	1310	1303	35		3	24 cell half cut
3	FAERES-36H390	1500	25.9	22.3	17.8	17.4	390	26.2	84.4	20	1310	1303	35		3	24 cell half cut
4	FAERES-36H385	1500	25.9	22.2	17.5	17.2	385	25.9	84.5	20	1310	1303	35		3	24 cell half cut
5	FAERES-36H380	1500	25.8	22.2	17.3	17.0	380	25.6	84.6	20	1310	1303	35		3	24 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

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