

695-720 W Topcon N-Type

 182 mm bifacial half cell

 2.384 x 1.303 mm

 38.3 kg



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.



Hot 2.0 Technology

The N-Type module with hot 2.0 technology has better reliability and lower LID/LETID.



Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Warranty | Garantía



25 Years | Años
Product
Producto



30 Years | Años
Linear power
Rendimiento lineal



Bloomberg

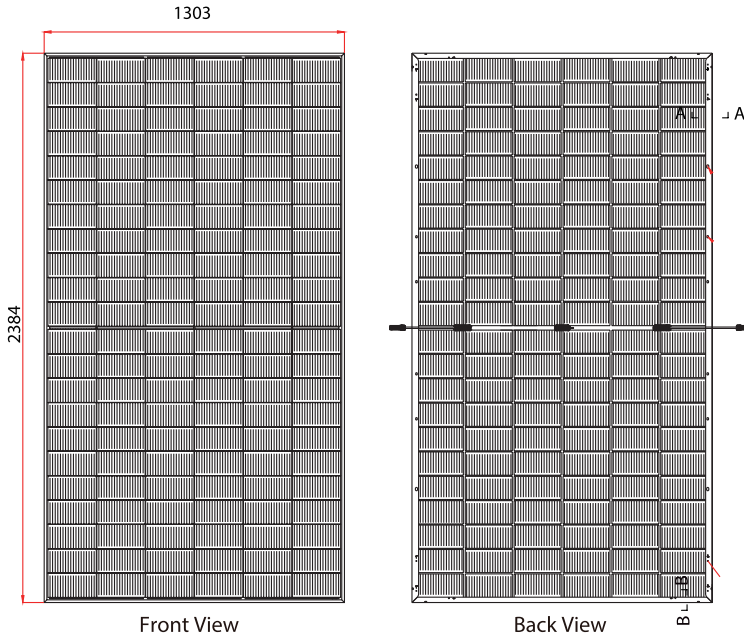
NEW ENERGY FINANCE

CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2

 **Anti-PID**
System voltage durability
PPP 56042





DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

- Dimensions: 2384*1303mm
- Nº of cells: 132 [2x(11x6)]
- Cells: N type Mono-crystalline. 210mm*105mm
- Front glass: 2.0 mm, AR Coating Heat Strengthened Glass
- Back glass: 2.0 mm, Heat Strengthened Glass
- Connector: MC4 EVO2 / TS4 Plus / TS4*
- Weight: 38.3 kg
- Junction Box: IP 68 rated
- Frame: 33mm Anodized Aluminium Alloy
- Cable: 4mm2, Cable 4.0mm, Portrait: 350/280 mm, Length can be customized

TIPO TYPE	EX695TC-210		EX700TC-210		EX705TC-210		EX710TC-210		EX715TC-210		EX720TC-210	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Maximum Power	695	531	700	534	705	540	710	543	715	547	720	551
Voltaje circ. abierto Voltage open circuit, VOC (V)	48.3	45.9	48.6	46.1	48.8	46.3	49.0	46.5	49.2	46.7	49.4	46.9
Intensidad cortocircuito Short circuit current, ISC (A)	18.28	14.72	18.32	14.76	18.36	14.80	18.40	14.83	18.44	14.86	18.49	14.90
Voltaje máximo Max. voltage, VMP (V)	40.3	37.9	40.5	38.0	40.7	38.3	40.9	38.5	41.1	38.7	41.3	38.8
Intensidad máxima actual Current, IMP (A)	17.25	14.00	17.29	14.04	17.33	14.08	17.36	14.12	17.40	14.14	17.44	14.19
Modulo eficiencia Module Efficiency (%)	22.4		22.5		22.7		22.9		23.0		23.2	
Max. potencia tolerada Max. power tolerance (W)	0~+5%											
Max. system Voltage (V)	1500VDC (IEC)											
Maximum Series Fuse Rating (A)	35A											

STC 1000 W/M2. Module Temperature 25°C A.M.1.5 | NOCT 800W/M2 Environment. Temperature 20°C A.M. 1.5

ELECTRICAL CHARACTERISTICS WITH DIFFERENT POWER BIN (REFERENCE TO 5% & 10% BACKSIDE POWER GAIN)

Potencia de salida Maximum Power	5%		10%		5%		10%		5%		10%		5%		10%	
	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Voltaje circ. abierto Voltage open circuit, VOC (V)	730	765	735	770	740	776	746	781	751	787	756	792				

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coefficiente de temp. Temp. Coefficient (P _{MAX})	-0.29%/°C
Coefficiente de temp. Temp. Coefficient (ISC)	0.04%/°C
Coefficiente de temp. Temp. Coefficient (VOC)	-0.24%/°C
Nominal Operating Cell Temp. (NOCT)	43°C (±2°C)
Operating Temperature	-40~+85°C

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (705)

