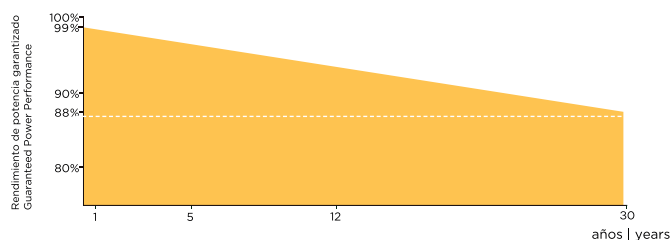


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

La alta eficiencia de nuestras células solares nos permite producir diferentes tipos de paneles para a su vez dar la mayor eficiencia posible a sus instalaciones.

Exiom Solution designs, manufactures and delivers high-performance solar electric technology worldwide. Our high-efficiency solar cell let us manufacture the different kinds of panels to get the most efficient in your installations.

GARANTÍA DE RENDIMIENTO LINEAL LINEAR PERFORMANCE WARRANTY



25 AÑOS GARANTIA DE PRODUCTO YEARS PRODUCT WARRANTY



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

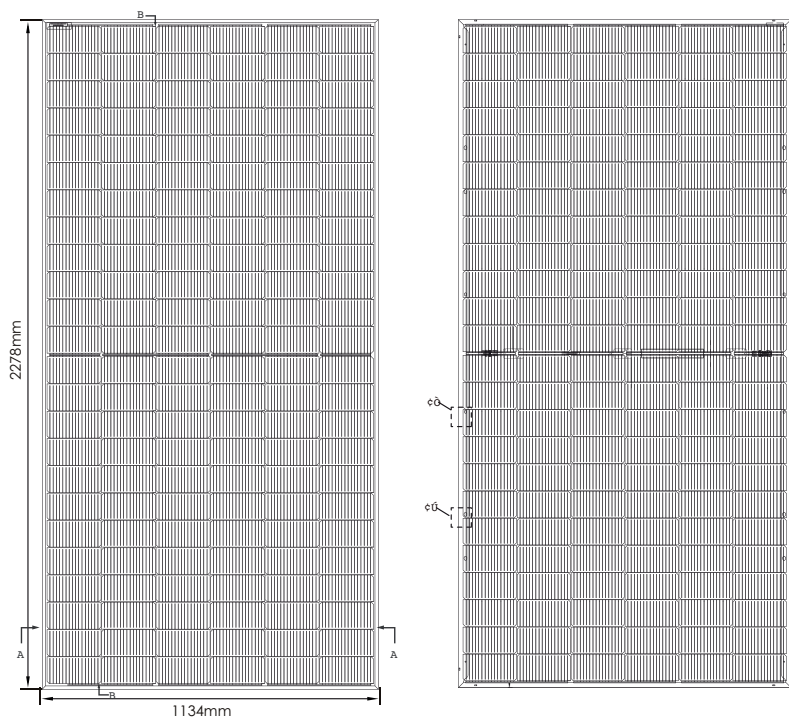
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



Enhanced Mechanical Load

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





DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

- Dimensions: 2278*1134mm
- Nº of cells: 144 (2*72)
- Cells: N type Mono-crystalline
- Front glass: 2.0mm, Anti-Reflection Coating
- Back glass: 2.0mm, Heat Strengthened Glass
- Weight: 32 kg
- Junction Box: IP68 Rated
- Frame: Anodized aluminum alloy
- Cable: 4mm2

TIPO TYPE	EX565TC-144HC-BF		EX570TC-144HC-BF		EX575TC-144HC-BF		EX580TC-144HC-BF		EX585TC-144HC-BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Maximum Power	565	425	570	429	575	432	580	436	585	440
Voltaje máximo Max. voltage, VMP (V)	42.14	39.52	42.29	39.65	42.44	39.78	42.59	39.87	42.74	39.96
Intensidad máxima actual Current, IMP (A)	13.41	10.75	13.48	10.81	13.55	10.87	13.62	10.94	13.69	11.02
Voltaje circ. abierto Voltage open circuit, VOC (V)	50.87	48.32	50.07	48.51	52.27	48.70	51.47	48.89	51.67	49.08
Intensidad cortocircuito Short circuit current, ISC (A)	14.19	11.46	14.25	11.50	14.31	11.55	14.37	11.60	14.43	11.65
Modulo eficiencia Module Efficiency (%)	21.87		22.07		22.26		22.45		22.63	
Max. potencia tolerada Max. power tolerance (W)	0-+3%									
Max. system Voltage (V)	1500VDC (IEC)									
Maximum Series Fuse Rating (A)	25A									

STC 1000 W/M2. Module Temperature 25°C A.M.1,5 | NOCT 800W/M2 Environment. Temperature 20°C A.M. 1,5

GANANCIA POTENCIA BIFACIALIDAD BIFACIAL OUTPUT-REAR SIDE POWER GAIN

		EX565TC-144HC-BF	EX570TC-144HC-BF	EX575TC-144HC-BF	EX580TC-144HC-BF	EX585TC-144HC-BF
5%	Maximum Power (Pmax)	588Wp	593Wp	599Wp	604Wp	609Wp
	Module Efficiency STC (%)	22.76%	22.97%	23.17%	23.37%	23.57%
10%	Maximum Power (Pmax)	644Wp	650Wp	656Wp	661Wp	667Wp
	Module Efficiency STC (%)	24.93%	22.15%	25.37%	25.60%	25.82%
15%	Maximum Power (Pmax)	700Wp	706Wp	713Wp	719Wp	725Wp
	Module Efficiency STC (%)	27.10%	27.34%	27.58%	27.82%	28.07%

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coefficiente de temp. Temp. Coefficient (Pmax)	-0.29%/°C
Coefficiente de temp. Temp. Coefficient (ISC)	0.045%/°C
Coefficiente de temp. Temp. Coefficient (VOC)	-0.25%/°C
Nominal Operating Cell Temp. (NOCT)	45°C (±2°C)
Operating Temperature	-40-+85°C
Refer. Bifacial Factor	80±5%

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (570)

