

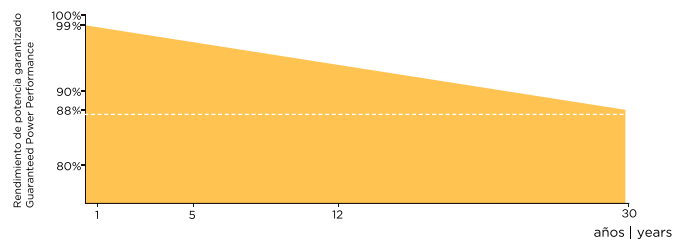


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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

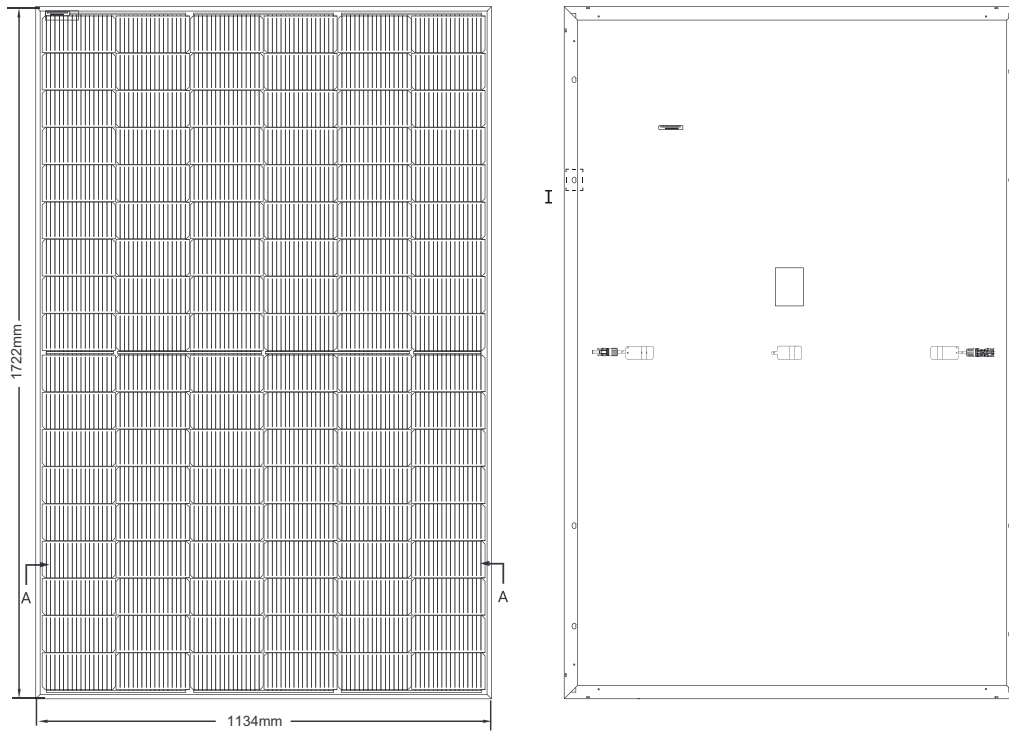
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



Enhanced Mechanical Load

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





DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 1722*1134mm

Weight: 22 kg

Nº of cells: 108 (2x54)

Junction Box: IP68 Rated

Cells: N type Mono-crystalline

Frame: Anodized aluminum alloy

Front glass: 3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass

Cable: 4mm2

TIPO TYPE	EX425TC-108HC		EX430TC-108HC		EX435TC-108HC		EX440TC-108HC		EX445TC-108HC	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Maximum Power	425	320	430	323	435	327	440	331	445	335
Voltaje máximo Max. voltage, VMP (V)	32.18	29.99	32.38	30.10	32.59	30.33	32.81	30.56	33.02	30.76
Intensidad máxima actual Current, IMP (A)	13.21	10.67	13.28	10.73	13.35	10.78	13.41	10.83	13.48	10.89
Voltaje circ. abierto Voltage open circuit, VOC (V)	38.75	36.81	38.95	37.00	39.16	37.20	39.38	37.41	39.59	37.61
Intensidad cortocircuito Short circuit current, ISC (A)	13.66	11.03	13.73	11.09	13.80	11.14	13.86	11.19	13.93	11.25
Modulo eficiencia Module Efficiency (%)	21.76		22.02		22.28		22.53		22.79	
Max. potencia tolerada Max. power tolerance (W)	0-+3%									
Max. system Voltage (V)	1000/1500VDC (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

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coeficiente de temp. Temp. Coefficient (P _{MAX})	-0.29%/°C
Coeficiente de temp. Temp. Coefficient (I _{SC})	0.045%/°C
Coeficiente de temp. Temp. Coefficient (V _{OC})	-0.25%/°C
Nominal Operating Cell Temp. (NOCT)	45°C (±2°C)
Operating Temperature	-40-+85°C

I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (435)

