

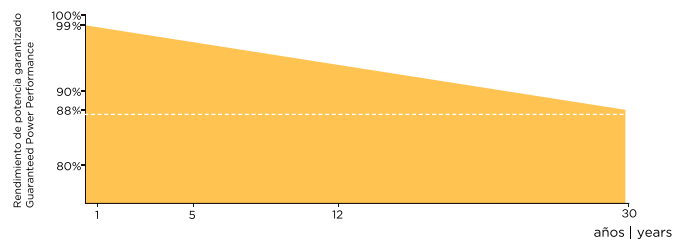


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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

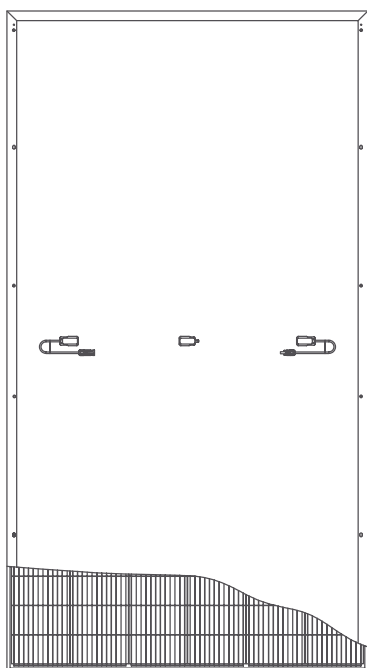
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



### Enhanced Mechanical Load

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





### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 2384*1303mm
Cells: 210mm*105mm
Number of Cells: 132 [ 2 x ( 11x 6 ) ]
Frame: Anodized aluminum alloy
Weight: 33 kg
Front load: 5400Pa
Real Load: 2400Pa
Junction Box: IP68 (3 diodes)
Front Glass: High transmission glass 3.2mm
Cable: TUV 1x4.0mm <sup>2</sup> , (+): 300mm/(-):200mm or Customized length

TIPO TYPE	EX680TC-210		EX685TC-210		EX690TC-210		EX695TC-210		EX700TC-210	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida   Power output	680	513	685	517	690	521	695	525	700	529
Voltaje circ. abierto   Voltage open circuit, VOC (V)	46.50	44.37	46.69	44.56	46.88	44.75	47.07	44.94	47.26	45.13
Intensidad cortocircuito   Short circuit current, ISC (A)	18.69	15.05	18.74	15.09	18.79	15.13	18.84	15.17	18.89	15.21
Voltaje máximo   Max. voltage, VMP (V)	38.55	36.15	38.74	36.36	38.94	36.56	39.13	36.74	39.33	36.94
Intensidad máxima actual   Current, IMP (A)	17.64	14.19	17.68	14.22	17.72	14.25	17.76	14.29	17.80	14.32
Modulo eficiencia   Module Efficiency (%)	21.89		22.05		22.21		22.37		22.53	
Max. potencia tolerada   Max. Power tolerance (W)	0-5									
Max. system Voltage (V)	1.500 DC (IEC)									
Maximum Series Fuse Rating (A)	30A									

STC 1000 W/M2. Module Temperature 25°C A.M1,5 | NOCT 800W/M2 Environment. Temperature 20°C, Wind Speed 1m/s

### COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS

Coefficiente de temp.   Temp. Coefficient (P <sub>MAX</sub> )	-0.290%/°C
Coefficiente de temp.   Temp. Coefficient (ISC)	0.046%/°C
Coefficiente de temp.   Temp. Coefficient (VOC)	-0.26%/°C
Nominal Operating Cell Temp. (NOCT)	42°C (±2°C)
Operating Temperature	-40-+85°C

### I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (690)

