

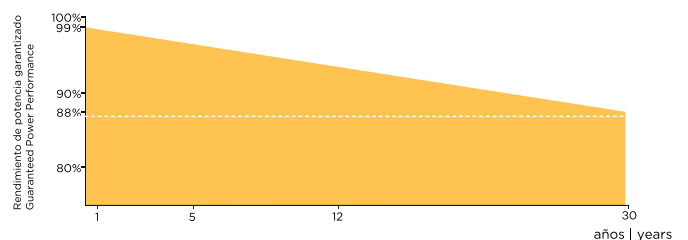


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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



## 15Years Enhanced Product Warranty on Materials and Workmanship 30Years Linear Power Performance Warranty



### SMBB Technology

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



### Hot 2.0 Technology

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



### PID Resistance

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



### Enhanced Mechanical Load

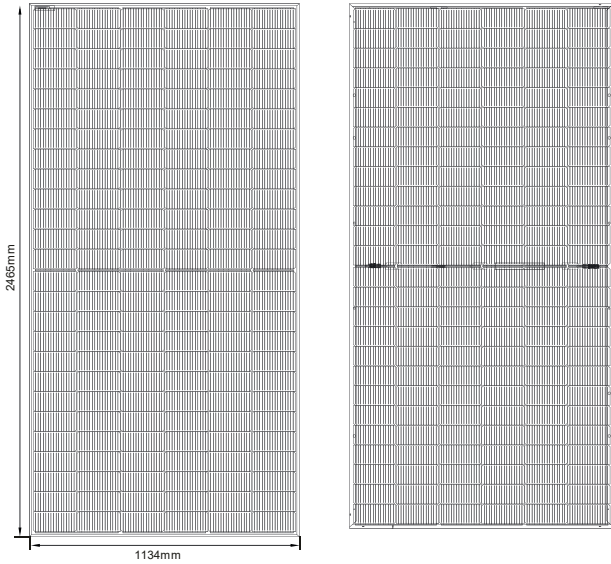
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



### Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.





### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Laminate Structure: Glass/ POE/ Cells/ POE/Glass
Dimensions: 2465*1134*35mm
Cells: N-Type 16BB 182mm (2x78pcs)
Frame: Anodized aluminum alloy
Connector: UV Resistant Cable/Compatible MC4
Weight: 36.4 kg
Maximum Static Load, Front: 5400Pa(112lb/ft2)
Maximum Static Load, Back: 2400Pa(50lb/ft2)
Junction Box: IP68, 3 bypass diodes
Glass Front: 2mm Anti-reflective surface Solar glass
Glass Back: 2mm Solar glass
Cable: 4mm <sup>2</sup>
Packaging Configuration: 31pcs/Pallet 496pcs/40HQ Container

TIPO TYPE	EX605TC-156BF		EX610TC-156BF		EX615TC-156BF		EX620TC-156BF		EX625TC-156BF	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida   Power output	605	455	610	459	615	462	620	466	625	470
Voltaje circ. abierto   Voltage open circuit, VOC (V)	55.17	52.41	55.31	52.54	55.44	52.66	55.58	52.79	55.72	52.93
Intensidad cortocircuito   Short circuit current, ISC (A)	13.95	11.26	14.03	11.33	14.11	11.39	14.19	11.46	14.27	11.52
Voltaje máximo   Max. voltage, VMP (V)	45.42	42.23	45.60	42.35	45.77	42.46	45.93	42.57	46.10	42.68
Intensidad máxima actual   Current, IMP (A)	13.32	10.77	13.38	10.83	13.44	10.89	13.50	10.95	13.56	11.01
Modulo eficiencia   Module Efficiency (%)	21.64		21.82		22.00		22.18		22.36	
Max. potencia tolerada   Max. power tolerance (%)	(0,+3)									
Max. system Voltage (V)	1.500Vdc (IEC)									
Maximum Series Fuse Rating (A)	25A									

STC 1000 WM2. Module Temperature 25°C A.M.1.5 | NOCT 800WM2 Environment. Temperature 20°C A.M. 1.5

BIFACIAL SALIDA BIFACIAL OUTPUT REAR SIDE POWER GAIN											
5%	Maximum Power (Pmax)	635	641	646	651	656					
	Module Efficiency STC (%)	22.73	22.91	23.10	23.29	23.48					
15%	Maximum Power (Pmax)	696	702	707	713	719					
	Module Efficiency STC (%)	24.89	25.10	25.30	25.51	25.71					
25%	Maximum Power (Pmax)	756	763	769	775	781					
	Module Efficiency STC (%)	27.05	27.28	27.50	27.73	27.95					

COEFICIENTES DE TEMPERATURA TEMPERATURE COEFFICIENTS											
Coefficiente de temp.   Temp. Coefficient(PMAX)	-0.29%/°C										
Coefficiente de temp.   Temp. Coefficient(ISC)	0.04%/°C										
Coefficiente de temp.   Temp. Coefficient(VOC)	-0.22%/°C										
Nominal Operating Cell Temp. (NOCT)	44°C (±2°C)										
Refer. Bifacial Factor	80±5%										

### I-V CURVAS CURVES

Temperatura celdas | Cells temperature: 25°C. Current-Voltage & Power Voltage Curve (615)

