

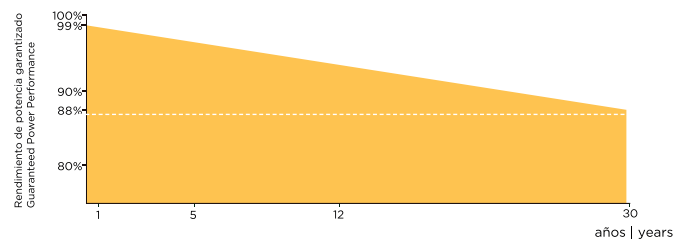


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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

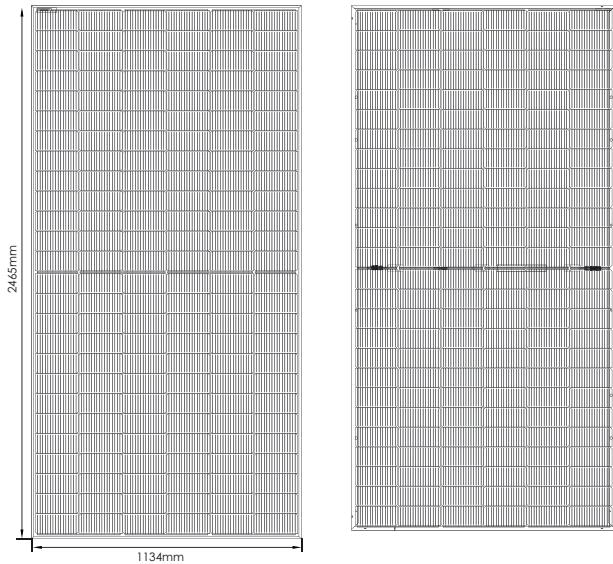
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



#### Enhanced Mechanical Load

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





### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Laminate Structure: Glass/ POE/ Cells/ POE/Glass

Dimensions: 2465\*1134mm

Cells: N-Type 16BB 182mm (2x78pcs)

Frame: Anodized aluminum alloy

Connector: UV Resistant Cable/Compatible MC4

Weight: 36.4 kg

Front load: 5400Pa

Real Load: 2400Pa

Junction Box: IP68, 3 bypass diodes

Glass Front: 2mm Anti-reflective surface Solar glass

Glass Back: 2mm Solar glass

Cable: 4mm2

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 W/M2. Module Temperature 25°C A.M.1,5 | NOCT 800W/M2 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	
Coeficiente de temp.   Temp. Coefficient (PMAX)	-0.29%/°C
Coeficiente de temp.   Temp. Coefficient (ISC)	0.04%/°C
Coeficiente 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)

