

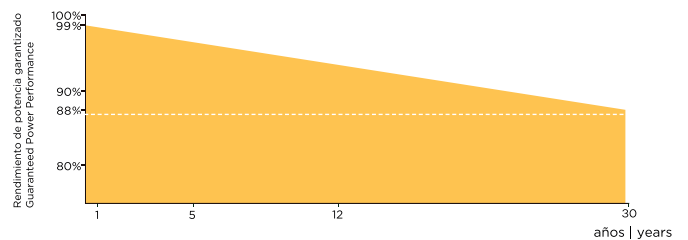


Exiom Solution diseña, fabrica y distribuye la más alta calidad en Energía Solar.

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

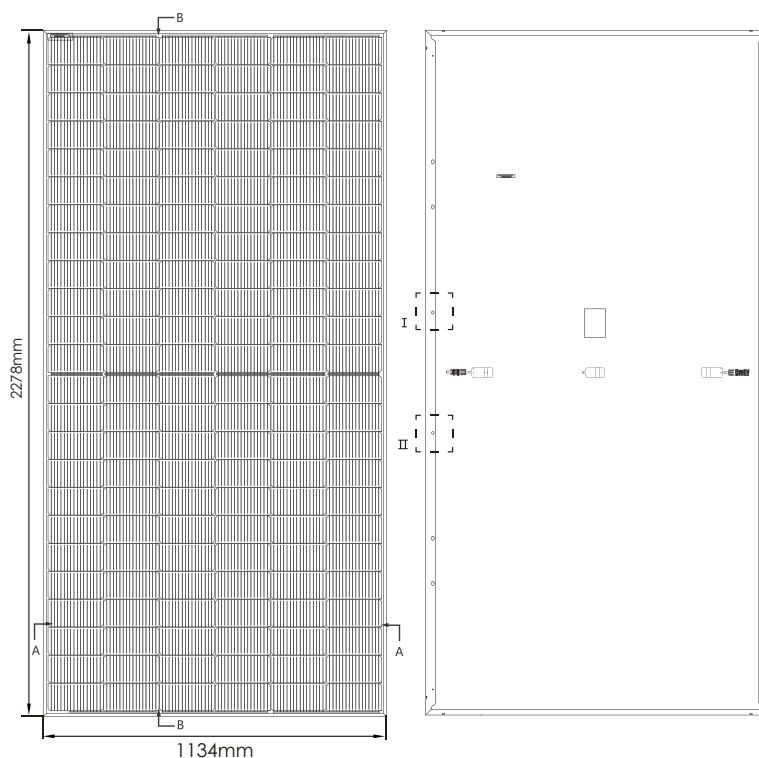
The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



### Enhanced Mechanical Load

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





### DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 2278*1134mm	Weight: 28. kg
Nº of cells: 144 (6x24)	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: 1x4.0mm2 (+): 400mm , (-): 200mm or Customized Length
Connector: MC4 Compatible	

TIPO TYPE	EX565TC-144HC		EX570TC-144HC		EX575TC-144HC		EX580TC-144HC		EX585TC-144HC	
	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)	41.92	39.38	42.07	39.51	42.22	39.60	42.37	39.69	42.52	39.81
Intensidad máxima actual   Current, IMP (A)	13.48	10.79	13.55	10.85	13.62	10.92	13.69	10.99	13.76	11.05
Voltaje circ. abierto   Voltage open circuit, VOC (V)	50.60	48.06	50.74	48.20	50.88	48.33	51.02	48.46	51.16	48.60
Intensidad cortocircuito   Short circuit current, ISC (A)	14.23	11.49	14.31	11.55	14.39	11.62	14.47	11.68	14.55	11.75
Modulo eficiencia   Module Efficiency (%)	21.87		22.07		22.26		22.45		22.65	
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

Coefficiente de temp.   Temp. Coefficient (P <sub>MAX</sub> )	-0.29%/°C
Coefficiente de temp.   Temp. Coefficient (I <sub>SC</sub> )	0.045%/°C
Coefficiente de temp.   Temp. Coefficient (V <sub>OC</sub> )	-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 (575)

