

exiom EX680-700TC(B)-132(HC)(210)

680-700 W

Topcon N-Type

 210 mm mono half cell

 2.384 x 1.303 mm

 33 kg



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).

Warranty | Garantía



Years | Años
Product
Producto



Years | Años
Linear power
Rendimiento lineal



Bloomberg
NEW ENERGY FINANCE

CERTIFIED
IEC
61730 Ed.1

CERTIFIED
IEC
61215 Ed.2

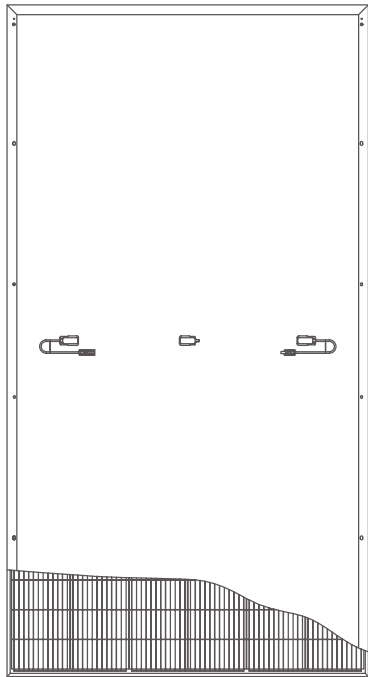
 **Anti-PID**
System voltage durability
PPP 56042



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Specifications subject to technical changes and tests.
Exiom Solution reserves the right of final interpretation.

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DATOS MECÁNICOS MECHANICAL SPECIFICATIONS

Dimensions: 2384*1303mm

N° of cells: 132 [2x(11x6)]

Cells: N type Mono-crystalline. 210mm*105mm

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

Connector: MC4 Compatible

Weight: 33 kg

Junction Box: IP68 Rated (3 diodes)

Frame: Anodized aluminum alloy

Cable: 4mm²

Front load: 5400Pa

Real Load: 2400Pa

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 Maximum Power	680	513	685	517	690	521	695	525	700	529
Voltaje máximo Max. voltage, VMP (V)	46.50	44.37	46.69	44.56	46.88	44.75	47.07	44.94	47.26	45.13
Intensidad máxima actual Current, IMP (A)	18.69	15.05	18.74	15.09	18.79	15.13	18.84	15.17	18.89	15.21
Voltaje circ. abierto Voltage open circuit, VOC (V)	38.55	36.15	38.74	36.36	38.94	36.56	39.13	36.74	39.33	36.94
Intensidad cortocircuito Short circuit current, ISC (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~+3%									
Max. system Voltage (V)	1500VDC (IEC)									
Maximum Series Fuse Rating (A)	30A									

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 _{MAX})	-0.29%/°C
Coefficiente de temp. Temp. Coefficient (ISC)	0.045%/°C
Coefficiente de temp. Temp. Coefficient (VOC)	-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 (690)

