

## EX345-365M(B)-96(HC)(182)AGR

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.*



Bifacial technology enables additional energy harvesting from rear side (up to 30%)



Excellent low irradiance performance



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



Optimized electrical design and lower operating current for reduced hot spot loss and better temperature



Industry-leading, lowest thermal coefficient



Certified to withstand 2400 Pa of wind load and 5400 Pa of snow load

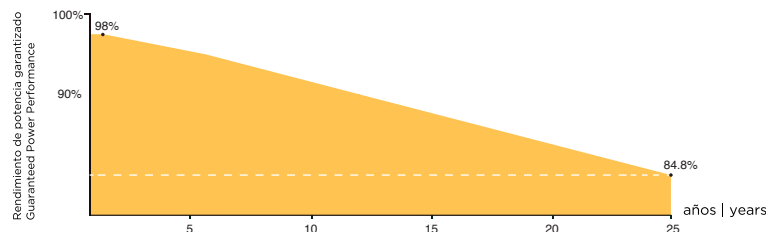


100% triple EL test, which greatly reduces the hidden cracks rate

### GARANTÍA WARRANTY

12 años de garantía mejorada de materiales y mano de obra  
12 Years Enhanced Product Warranty on Materials and Workmanship

25 años de garantía de rendimiento de potencia lineal  
25 Years Linear Power Performance Warranty



CERTIFIED  
**IEC**  
61730 Ed.1

CERTIFIED  
**IEC**  
61215 Ed.2



Anti-PID  
System voltage durability  
PPP 56042



Especificaciones sujetas a cambios técnicos y pruebas.  
Exiom Solution se reserva el derecho de la correcta interpretación final.  
Specifications subject to technical changes and tests. Exiom Solution reserves the right of final interpretation.

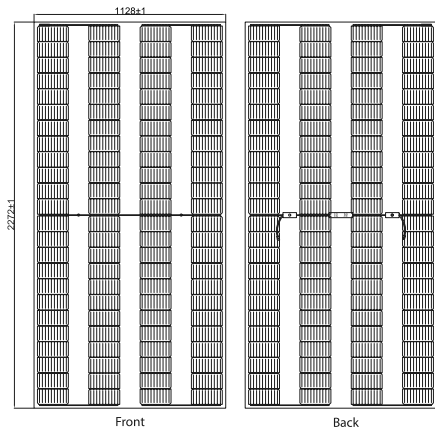
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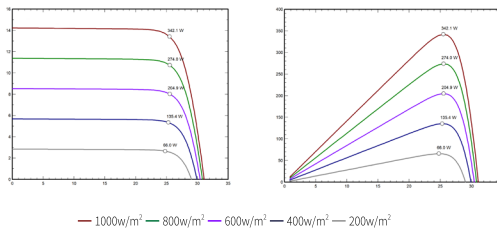
**Bloomberg**  
NEW ENERGY FINANCE



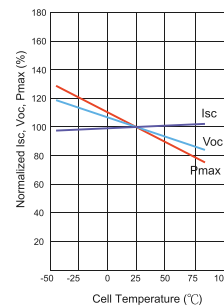
**DIMENSIONES DIMENSIONS**



**CURRENT-VOLTAGE & POWER VOLTAGE CURVES (365W)**



**TEMP. DEPENDENCE OF ISC, VOC, PMAX**



**CARACTERÍSTICAS ESTRUCTURALES STRUCTURAL CHARACTERISTICS**

Dimensiones   Dimensions	2272 x 1128 mm	Junction box	IP68, 2 bypass diodes
Peso   Weight	26.8 kg	Output wire	4.0 mm2
Celda   Cell	96 cells, PERC Monocrystalline	Wire length	300 mm or Customized Length
Cristal Frontal   Front glass	2.0mm, Anti-Reflection Coating	Connector	MC4 Compatible
Cristal trasero   Back glass	2.0mm, Heat Strengthened Glass	Marco   Frame	Without frame

TIPO TYPE	EX345AGR-182		EX350AGR-182		EX355AGR-182		EX360AGR-182		EX365AGR-182	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida   Power output	345	257	250	261	355	265	360	268	365	272
Voltaje circ. abierto   Voltage open circuit, VOC (V)	31.83	29.9	32.08	30.2	32.33	30.4	32.58	30.6	32.83	30.9
Intensidad cortocircuito   Short circuit current, ISC (A)	13.78	11.12	13.86	11.18	13.94	11.25	14.02	11.31	14.10	11.37
Voltaje máximo   Max. voltage, VMP (V)	26.76	24.9	26.99	25.10	27.20	25.30	27.42	25.50	27.63	25.70
Intensidad máxima actual   Current, IMP (A)	12.89	10.32	12.97	10.38	13.05	10.44	13.13	10.50	13.21	10.57
Modulo eficiencia   Module Efficiency (%)	13.4		13.5		13.7		13.9		14.1	

STC (Standard Testing Conditions): Irradiance 1000W/m2, Cell Temperature 25°C, Spectra at AM1.5  
 NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m2, Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

**ELECTRICAL CHARACTERISTICS WITH DIFFERENT POWER BIN (REFERENCE TO 13.5% IRRADIANCE RATIO)**

Peak Power, PMAX (W)	369	374	380	385	390
Open Circuit Voltage, VOC (V)	31.83	32.08	32.33	32.58	32.83
Short Circuit Current, ISC (A)	14.75	14.83	14.92	15.00	15.09
Maximum Power Voltage, VMP (V)	26.76	26.99	27.20	27.42	27.63
Maximum Power Current, IMP (A)	13.79	13.87	13.96	14.05	14.13
Radiation ratio (rear/front)	10%				

**COEFICIENTES DE TEMP. TEMPERATURE COEFFICIENTS**

**PARAMETROS DE FUNCIONAMIENTO OPERATING PARAMETERS**

Coeficiente de temp.   Temp. Coefficient (PMAX)	-0.35%/°C	Max. potencia tolerada   Max. Power tolerance (W)	(0, +5)
Coeficiente de temp.   Temp. Coefficient (ISC)	0.04%/°C	Max. system Voltage (V)	1500
Coeficiente de temp.   Temp. Coefficient (VOC)	-0.28%/°C	Maximum Series Fuse Rating (A)	30
Nominal Operating Cell Temp. (NOCT)	43°C (±2°C)	Current operating temperature (°C)	-40-85°C
		Carga mecánica   Mechanical load (Pa)	5400 / 2400