

EX260-275M(B)-72(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

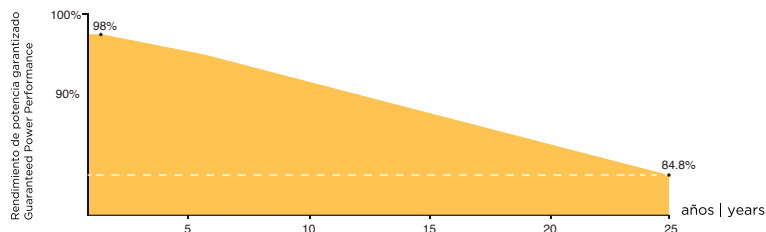


100% triple EL test, which greatly reduces the hidden cracks rate

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



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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PERC

1 TIER

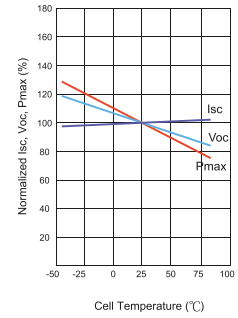
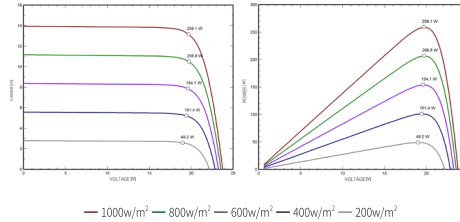
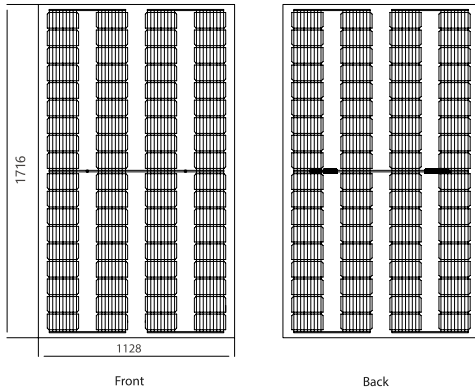
Bloomberg NEW ENERGY FINANCE

45% TRANSMITTANCE

DIMENSIONES DIMENSIONS

CURRENT-VOLTAGE & POWER VOLTAGE CURVES (275W)

TEMP. DEPENDENCE OF ISC, VOC, PMAX



CARACTERÍSTICAS ESTRUCTURALES STRUCTURAL CHARACTERISTICS

Dimensiones Dimensions	1716 x 1128 mm	Junction box	IP68, 2 bypass diodes
Peso Weight	25.5 kg	Output wire	4.0 mm2
Celda Cell	72 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	EX260AGR-182		EX265AGR-182		EX270AGR-182		EX172AGR-182	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Potencia de salida Power output	260	194	265	198	270	201	275	205
Voltaje circ. abierto Voltage open circuit, VOC (V)	24.20	22.84	24.45	23.08	24.70	23.31	24.95	23.55
Intensidad cortocircuito Short circuit current, ISC (A)	13.53	10.93	13.63	11.01	13.73	11.09	13.83	11.17
Voltaje máximo Max. voltage, VMP (V)	20.14	18.85	20.37	19.07	20.59	19.27	20.81	19.48
Intensidad máxima actual Current, IMP (A)	12.93	10.29	13.03	10.37	13.12	10.44	13.21	10.51
Modulo eficiencia Module Efficiency (%)	13.4		13.7		13.9		14.2	

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)

	EX260AGR-182	EX265AGR-182	EX270AGR-182	EX172AGR-182
Peak Power, PMAX (W)	286	292	297	302
Open Circuit Voltage, VOC (V)	20.14	20.37	20.59	20.81
Short Circuit Current, ISC (A)	14.22	14.33	14.43	14.53
Maximum Power Voltage, VMP (V)	24.20	24.45	24.70	24.95
Maximum Power Current, IMP (A)	14.88	14.99	15.10	15.21
Radiation ratio (rear/front)	10%			

COEFICIENTES DE TEMP. TEMPERATURE COEFFICIENTS

PARAMETROS DE FUNCIONAMIENTO OPERATING PARAMETERS

Coefficiente de temp. Temp. Coefficient (PMAX)	-0.35%/°C	Max. potencia tolerada Max. Power tolerance (W)	(0, +5)
Coefficiente de temp. Temp. Coefficient (ISC)	0.04%/°C	Max. system Voltage (V)	1500
Coefficiente 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

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