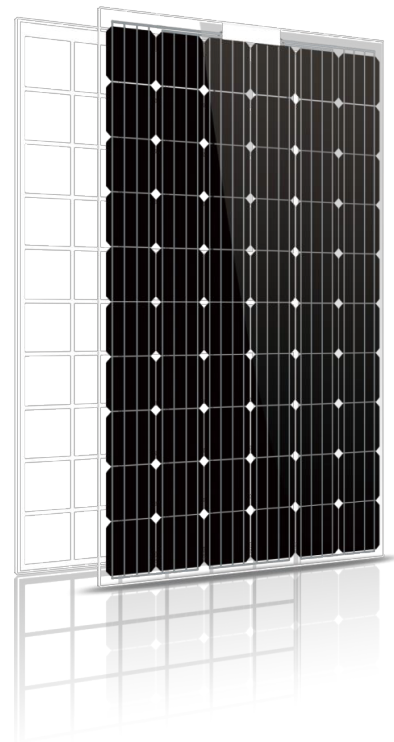




Exiom Solution designs, manufactures and delivers high-performance solar electric technology worldwide.

Our high-efficiency solar cell let us manufacture the different kinds of panels to get the most efficient in your installations.



MONOCRYSTALLINE



- 60 cells Monocrystalline
- 280-300W Power Output
- 2mm+2mm Thickness
- 19.6 kg Weight
- 19.2% Max efficiency

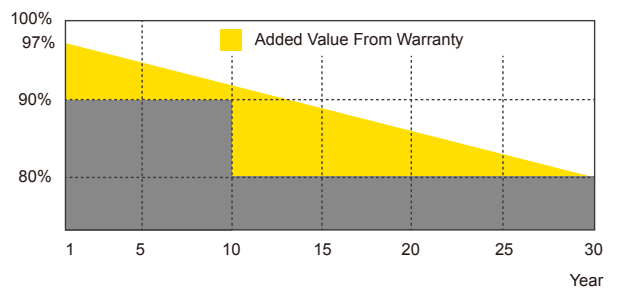
EX-DG290M6-60T/60W

MECHANICAL SPECIFICATION

Cell Type	Perc Mono-crystalline
Cell Dimension	156.75mm × 156.75mm
Module Dimension	1662mm × 990mm × 5mm (J-box not included)
Weight	19.6kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm tempered glass / 2mm ceramic coated glass
Junction Box	IP67 (three bypass diodes)
Cable	4.0mm ²
Connector	LCS-R1(MC4 equivalent)

SUPERIOR WARRANTY

- 12-year product warranty
- 30-year linear power output warranty



LIMITS

Operational Temperature	°C	-40~+85
Maximum Static Load	Pa	5400
Maximum Wind Load	Pa	2400
Maximum System Voltage	V(DC)	IEC:1000
Maximum Series Fuse Rating	A	15

TEMPERATURE COEFFICIENT

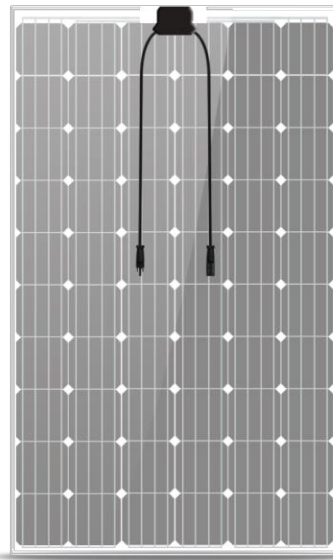
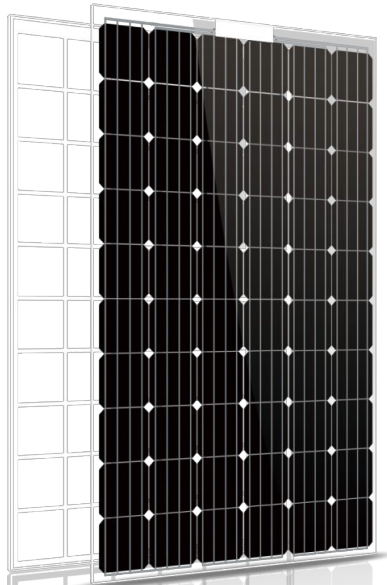
Nominal Operating Cell Temperature	NOCT	°C	44±2
Temperature Coefficient of Isc	α	%/°C	0.05
Temperature Coefficient of Voc	β	%/°C	-0.29
Temperature Coefficient of Pmpp	γ	%/°C	-0.39

HEAD OFFICE: C/ SAN FRANCISCO, 5 - 5. 33003. OVIEDO PHONE: +34 984 033 709

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

SPANISH BRAND

www.exiomsolution.com



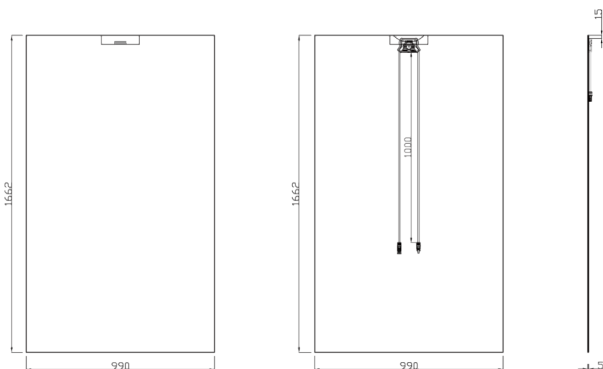
Key Features

- Potential induced degradation (PID) free guaranteed
- Lower attenuation rate
- Excellent weather resistance
- Frameless design, no dust trapped on the edge
- Better thermal dissipation

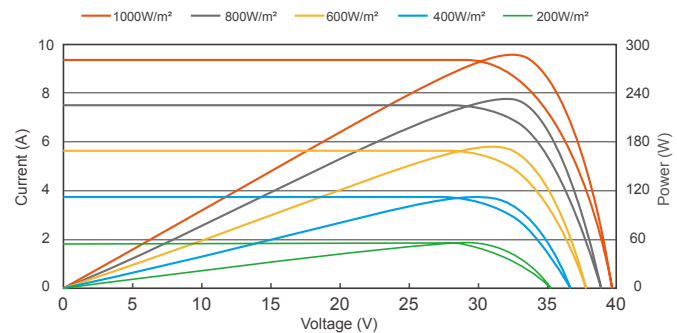
ELECTRICAL SPECIFICATION (STC)

Module	EX-DG-280M6-60T EX-DG-280M6-60W	EX-DG-285M6-60T EX-DG-285M6-60W	EX-DG-290M6-60T EX-DG-290M6-60W	EX-DG-295M6-60T EX-DG-295M6-60W	EX-DG-300M6-60T EX-DG-300M6-60W
Rated Power (P _{mpp})	280W	285W	290W	295W	300W
Rated Current (I _{mpp})	8.84A	8.96A	9.02A	9.08A	9.18A
Rated Voltage (V _{mpp})	31.7V	31.8V	32.2V	32.5V	32.7V
Short Circuit Current (I _{sc})	9.44A	9.49A	9.59A	9.75A	9.81A
Open Circuit Voltage (V _{oc})	38.4V	38.5V	38.7V	39.4V	39.8V
Efficiency	17.0%	17.3%	17.6%	17.9%	18.2%

DIMENSION(mm)



I-V&P-V curve(EX-DG-M60T/60W)



Excellent performance at 200W/m²(AM 1.5, 25 C); the conversion efficiency could be 96.9% of STC

Packaging Configuration

- Modules per box: 38 pieces
- Modules per 40' container: 988 pieces

DON'T FORGET TO VISIT
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