



MONOCRYSTALLINE

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.



EX290M6(B)-60

MECHANICAL DATA

- Dimensions: 1640*992
- Weight: 20 kg
- Cable: TUV certified 4 mm²
- Glass: High transmission glass 3.2 mm
- Junction box: 6 Bypass-Diode

WORKING CONDITIONS

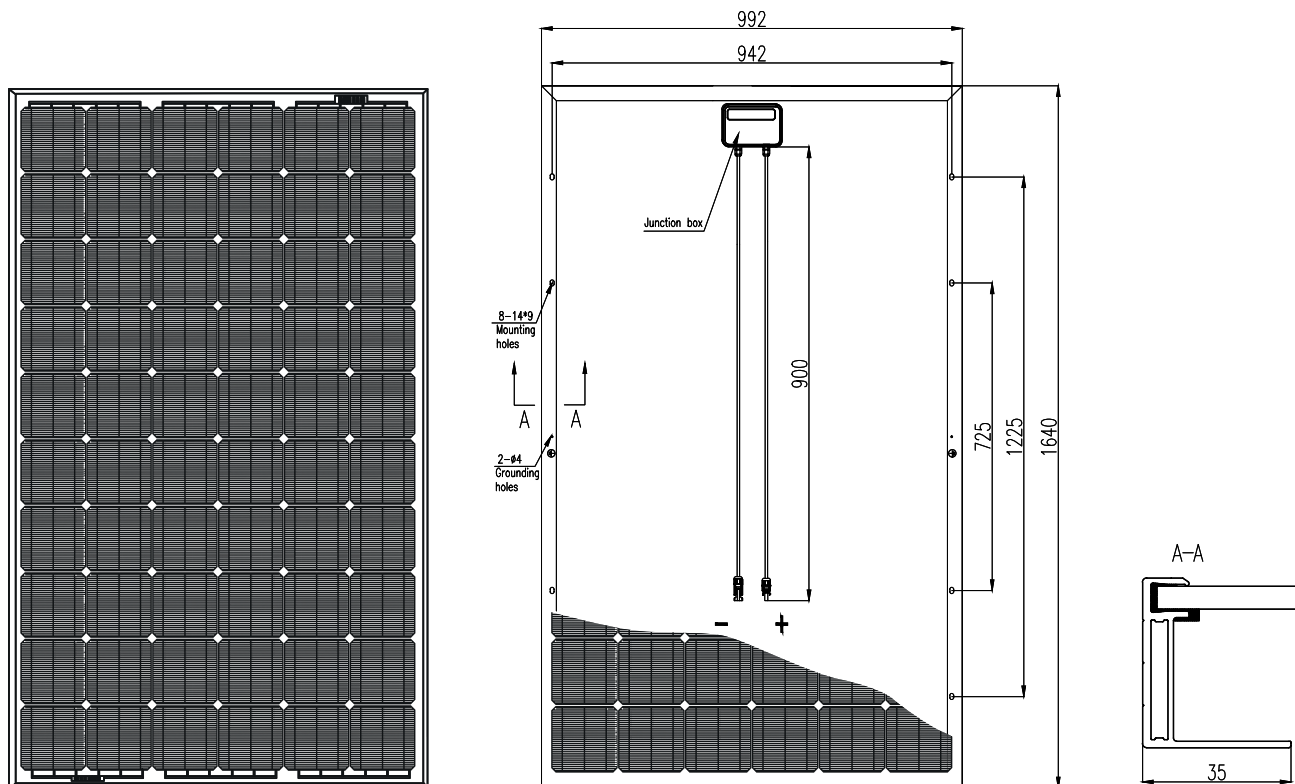
- Max. system voltage: 1.000 V
- Series fuse rating: 15 A
- Mechanical load: ≥ 5.400 Pa
- Operating temperature: -40~+85
- Application class: A

WARRANTIES

- 12 years workmanship warranty
- 12 years 90% Power output
- 30 years 80% Power output

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



TYPE		EX290M6-60	EX295M6-60	EX300M6-60	EX305M6-60	EX310M6-60
STC 1000 W/M ² Module Tempera- ture 25°C A.M. 1,5	Power output	290	295	300	305	310
	Max. power tolerance (%)			+5		
	Module efficiency (%)	17.7	18.0	18.3	18.6	18.9
	Max voltage, VMP (V)	32.2	32.5	32.6	32.9	33.2
	Current, IMP (A)	9.01	9.08	9.19	9.28	9.37
	Voltage open circuit, VOC (V)	38.9	39.6	39.8	40.0	40.2
	Short circuit current, ISC (A)	9.66	9.68	9.77	9.85	9.94
NOCT 800W/M ² Environment Tempera- ture 20°C A.M. 1,5	Power output	216	220	223	227	231
	Max voltage, VMP (V)	29.9	30.1	30.2	30.5	30.8
	Current, IMP (A)	7.24	7.30	7.38	7.46	7.53
	Voltage open circuit, VOC (V)	36.2	36.8	37.0	37.2	37.4
	Short circuit current, ISC (A)	7.80	7.82	7.89	7.95	8.03

TEMPERATURE COEFFICIENTS

Temp. Coefficient (PMAX)	-0.39%/°C
Temp. Coefficient (ISC)	0.05%/°C
Temp. Coefficient (VOC)	-0.29%/°C
NOCT	44±2°C

CURVES

