

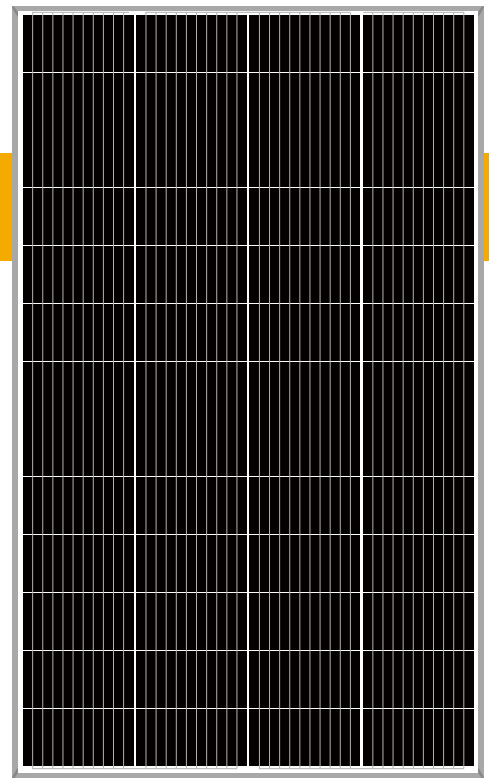
Monocrystalline Solar Module

CE-190M60

WARRANTY

- 10-year repair and workmanship warranty
- 12-year warranty at 90% power output
- 25-year warranty at 80% power output

TYPICAL ELECTRICAL CHARACTERISTICS



Models	CE-190M60	Solar Cell	Mono-crystalline
Max. Power (Pmax)	190Wp	Power Tolerance (Pmax)	0 ~ +3%
Optimum Operating Voltage (Vmp)	29.4V	Numbers Of Cells	52 pcs of cells in series
Optimum Operating Current (Imp)	6.47A	Module Dimension	758×1251×30mm
Open-circuit Voltage (Voc)	35.2V	Weight	10.9kg
Short-circuit Current (Isc)	6.91A	Max. System Voltage	1000VDC
Module Efficiency	20.04%	Max. Series Fuse Rating	15A
		Operating Temperature	-40℃ ~ +85℃
		NOCT	47±2℃
		Temperature Coefficients Of Isc	(0.065 ± 0.01%/℃)
		Temperature Coefficients Of Voc	-(0.40 ± 0.05%/℃)
		Temperature Coefficients Of Pmax	(-0.5±0.05%/℃)

*Note: the specifications are obtained under the Standard Test Condition (STC): 1,000W/m², Am 1.5, Cell Temperature 25℃

