



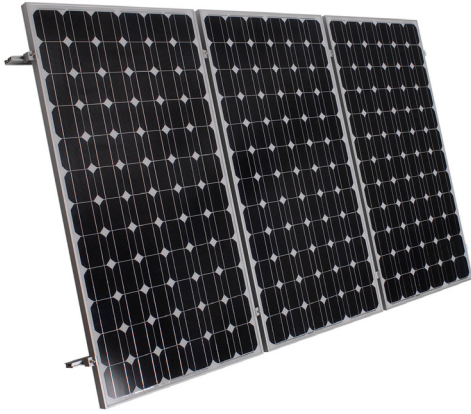
## Monocrystalline Panels

CMS-170M - CMS-210M

CMS Monocrystalline Silicon PV Module panels are rigorously tested to ensure that they meet the highest international standards. CMS panels may be used for both ground mounted and rooftop installations and are suitable for both commercial and industrial uses. They may be used for large and small on-grid and off-grid solar power stations.

The peak power of a single module is guaranteed in +3% power tolerance and the average power of modules in single order is guaranteed no less than the peak power.

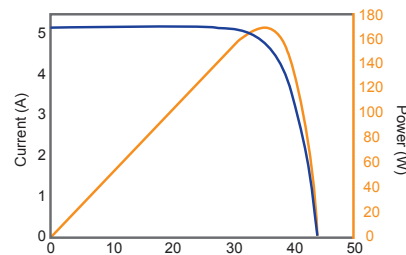
The panels have a 5 year warranty on material and workmanship as well as a 10 years at 90% efficiency and 25 years at 80% efficiency limited warranty on power output.



### Mechanical Specifications:

Dimensions	1580*808*46mm
Weight	16kg
Frame	Aluminium-alloy
Packing Configuration	2 pieces per carton
Load Capacity	616
Number of Cells (pieces)	72 (6*12)

### IV Panel



### Electrical Characteristics:

Max. power	170W	175W	180W	185W	190W	195W	200W
Open circuit voltage (voc)	44.5V	44.8V	45.0V	45.3V	45.20V	45.30V	45.50V
Short circuit current (Isc)	5.12A	5.17A	5.20A	5.25A	5.62A	5.73A	5.82A
Max. power voltage (Vmp)	35.9V	36.0V	36.0V	36.2V	36.31V	36.35V	36.40V
Max. power current (Imp)	4.74A	4.86A	5.00A	5.11A	5.23A	5.36A	5.49A
Power temperature co-efficient	-0.53%/°C						
Open-circuit voltage temperature co-efficient	-0.39%/°C						
Power tolerance	0% to 3%						
Test condition	1000W/m <sup>2</sup> , AM1.5, 25°C						

### Product Features Include:

- Higher transmittance low iron tempered glass with enhanced stiffness and impact resistance
- Unique frame design with high mechanical strength for easy installation
- Advanced encapsulation material with multiplayer sheet lamination for efficient protection from the most severe environmental conditions
- CMS uses high efficient wafers with cell efficiency of up to 19.5%
- Outstanding electrical performance under high temperature and low irradiance conditions
- High cell efficiency with quality silicon for long term output
- 100% Australian Owned Company