

Features



High PID Resistant

Advanced cell technology and qualified materials lead to high resistance to PID



High module efficiency

Module efficiency up to 17.78% achieved through advanced cell technology and manufacturing capabilities



Current sorting process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



Positive tolerance

Positive tolerance of up to 5W delivers higher output reliability



Extended wind and snow load tests

Module certified to withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal) *



High system voltage Compatible

Maximum 1500VDC system voltage saves total system cost

Certifications and standards:
IEC 61215, IEC 61730, conformity to CE



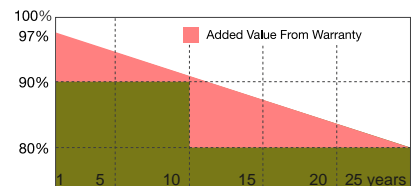
Chinayard Co.,LTD designs, manufactures and delivers high efficient solar modules to the world.

Founded in 2009, Chinayard is well known for its advanced technology, reliable product quality, and excellent customer service.

As one of leading PV enterprises, Chinayard has delivered more than 2.0G of solar products to residential, commercial, utility and off-grid projects all around the world.

Superior Warranty

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



Chinayard distributor



Electrical characteristics at Standard Test Conditions(STC)

Model	CYC-V158-			
	MF36-150P	MF36-155P	MF36-160P	MF36-165P
Maximum Power(Pm)	150Wp	155Wp	160Wp	165Wp
Cell type	Poly	Poly	Poly	Poly
Optimum Operating Current(Imp)	8.16A	8.42A	8.69A	8.94A
Short Circuit Current (Isc)	8.70A	8.93A	9.21A	9.39A
Optimum Operating Voltage(V)	18.36V	18.39V	18.41V	18.45V
Open Circuit Voltage(Voc)	22.21V	22.32V	22.39V	22.42V
Maximum System Voltage	1000V			
Module efficiency	15.13%	15.63%	16.14%	16.64%

Standard Test Conditions (STC): Irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Measuring uncertainty of power: ±3%. Certified in accordance with IEC 61215, IEC 61730-1/2 and UL 1703.

Temperature Characteristics

Nominal Operating Cell Temperature(NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.39%/K
Temperature Coefficient of Voc	-0.29%/K
Temperature Coefficient of ISC	+0.05%/K

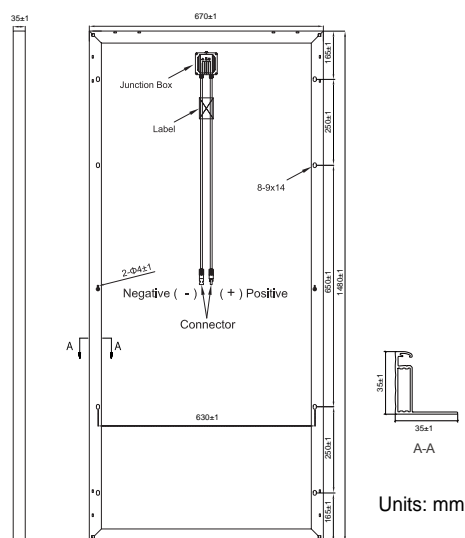
Material Characteristics

Dimension	1480*670*35mm
Weight	Appro 11kgs
Frame	Anodized aluminum alloy
Front Glass	low-iron tempered glass ,3.2mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells (quantity/material)	36 pieces solar cells series strings
Junction Box	IP67
Cable&Connector	Length 900 mm, 1×4 mm ² , compatible film

Packaging

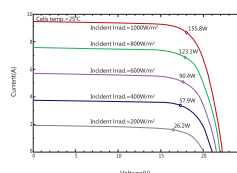
Container 20'	448 pieces
Container 40'	960 pieces
Container 40'HC	1200 pieces

Dimensions and Structure

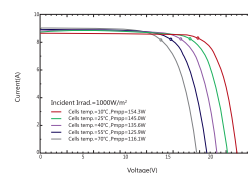


Units: mm

I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature

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