

MONO

36 cells



V158 series, monofacial module



Features



High PID resistant

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



High module efficiency

Advanced module technology delivers superior module efficiency



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



Chinayard Co.,LTD

Version: CYC_V201911_EN

All information and data are subject to change without notice.

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Electrical characteristics at Standard Test Conditions(STC)

Model	CYC-V158-			
	MF60-190M	MF60-195M	MF60-200M	MF60-205M
Maximum Power(Pm)	190Wp	195Wp	200Wp	205Wp
Cell type	Mono	Mono	Mono	Mono
Optimum Operating Current(Imp)	10.32A	10.56A	10.81A	11.05A
Short Circuit Current (Isc)	10.94A	11.20A	11.46A	11.46A
Optimum Operating Voltage(V)	18.41V	18.45V	18.5V	18.54V
Open Circuit Voltage(Voc)	22.39V	22.42V	22.45V	22.51V
Maximum System Voltage	1000V			
Module efficiency	18.69%	19.18%	19.67%	20.17%

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 1495*680*35mm

Weight Appro 11.5kgs

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 mm², compatible film

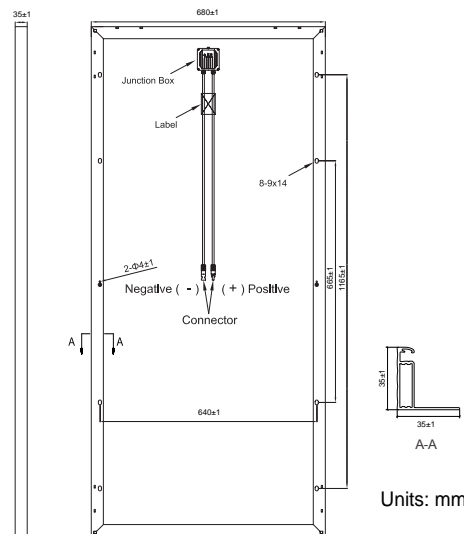
Packaging

Container 20'

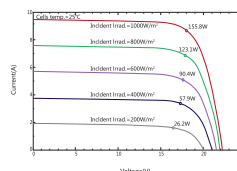
Container 40'

Container 40'HC

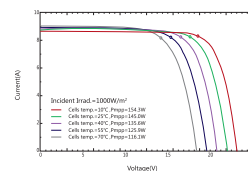
Dimensions and Structure



I-V Curve



I-V Curves at different irradiance



I-V Curves at different temperature

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