

MONO

36/72 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



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Electrical characteristics at Standard Test Conditions(STC)

NO.	Model	Pm(w)	Vmp (V)	Imp(A)	Voc (V)	Isc(A)	Size (mm)
1	MF36-5M	5	17.8	0.28	21.3	0.30	235*185*17
2	MF36-10M	10	17.8	0.56	21.3	0.60	235*350*17
3	MF36-20M	20	17.8	1.12	21.3	1.19	440*350*25
4	MF36-30M	30	17.9	1.68	21.3	1.78	550*350*25
5	MF36-40M	40	18.11	2.21	21.8	2.34	450*510*25
6	MF36-50M	50	18.11	2.76	21.3	2.93	600*510*35
7	MF36-60M	60	18.12	3.31	21.4	3.51	660*510*35
8	MF36-70M	70	18.12	3.86	21.4	4.09	760*510*35
9	MF36-80M	80	18.13	4.41	21.8	4.68	700*670*35
10	MF36-90M	90	18.14	4.96	21.6	5.26	780*670*35
11	MF36-100M	100	18.14	5.51	21.6	5.84	860*670*35
12	MF36-110M	110	18.14	6.06	21.4	6.43	950*670*35
13	MF36-120M	120	18.16	6.61	21.4	7.00	1000*670*35
14	MF36-130M	130	18.16	7.16	21.7	7.59	1080*670*35
15	MF36-140M	140	18.16	7.71	21.7	8.17	1150*670*35
16	MF36-160M	170	18.39	9.24	21.8	9.80	1480*670*35
17	MF72-200M	200	36.41	5.49	44.61	5.82	1495*680*35

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

Frame	Anodized aluminum alloy
Front Glass	low-iron tempered glass ,3.2mm
Cell Encapsulation	EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Composite film
Cells quantity	36 or 72 pieces monocrystalline solar cells series strings

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 **eSOL**

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