YINGLI SOLAR

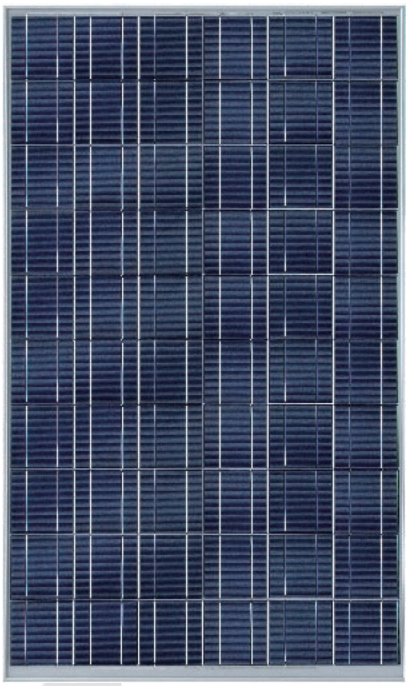
www.yinglisolar.com

230(29)PR1650×990

YL230(156)

YL230Wp, Yingli Solar

Yingli's 230 watt photovoltaic module is designed for large electrical power requirements. With a 25 year warranty, the YL230 has superb durability to withstand rigorous operating conditions. Ideal for grid-connected and remote power systems, the YL230 offers high usable power per square foot of solar array.



- Solar Cell: High efficiency crystalline solar cell. Even if under the weak light, the solar module can produce maximum power output.
- Tempered glass: Anti-reflecting coating and high transmission rate glass increase the power output and mechanical strength of solar module.
- EVA and TPT: Using high quality EVA and TPT to prevent destroying and water.
- Al frame: Without screw, corner connection. 6 holes on the frame can be installed easily.
- Junction box: Multi function junction box with water proof.
- Long lifetime: ⩾25 years; Less power decrease.
- Good performance of preventing from atrocious weather such as wind and hails.
- Resisting moisture and etching effectively, not effect by geology.
- The certificate issued by international authority: ISO Quality Management system, TUV.

- World-class Product and Service
- Complete Production Chain
- PV Manufacturer from China

天威英利

TIANWEI YINGLI

TUV

YL230Wp, Yingli Solar

- World-class Product and Service
- Complete Production Chain
- PV Manufacturer from China

ELECTRICAL PARAMETER

Module type	230(29)PR1650×990
Cell	Poly-crystal silicon
No. of Cells and Connections	60 in series
Maximum Power (Pm)	230W±3%
Maximum Power Voltage (Vpm)	30.0V
Maximum Power Current (Ipm)	7.66A
Open Circuit Voltage (Voc)	37.0V
Short Circuit Current (Isc)	8.38A
Module Efficiency	14.1%
Cell Efficiency	16.2%

((STC) Standard Test Conditions: 25°C, 1 KW/m^2, AM 1.5)*

MECHANICAL CHARACTERISTIC

Dimensions (H×W×D)	1650×990×50mm
Weight	18.7Kg(41.2Pound)
Area	1.6m^2

(Cable Length 900mm provide by clients' requirement)

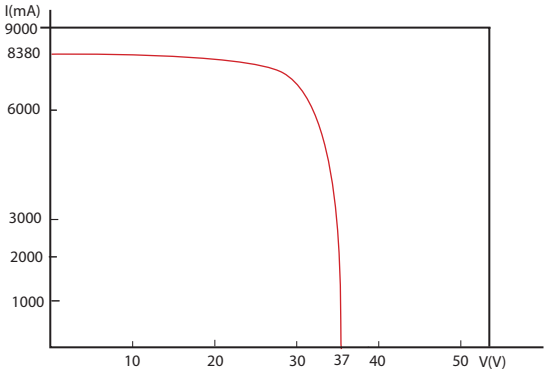
TEMPERATURE COEFFICIENTS

Power	T_k(Wp)	-0.45%/℃
Open Circuit Voltage	T_k(Voc)	-0.37%/℃
Short Circuit Current	T_k(Isc)	+0.06%/℃

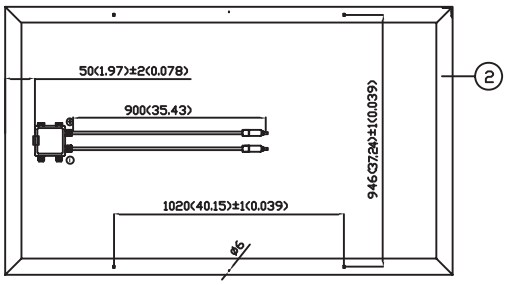
ABSOLUTE MAXIMUM LIMITS

Max System Voltage	V	1000
Module Operating Temperature	℃	-45—+85
Wind Velocity	Km/h	130
Noct	℃	46±2

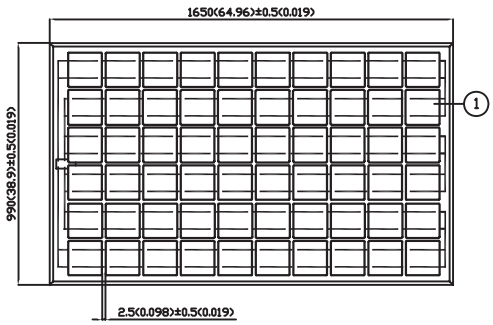
I V CURVES



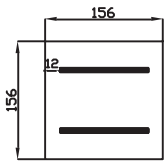
INSTALLATION DIMENSIONS



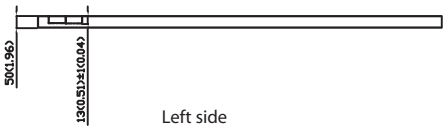
back side



Front side



Cell back side



Left side

Certificate	TUV			
2	Frame	1650×990	1Set	
1	Cell	156×156	60PCS	
Item	Name	Specification	Quantity	Remark
Brand	Yingli solar		230(29)PR1650×990	

20070824.03.Rev01.E

Baoding Tianwei Yingli New Energy Resources Co., Ltd.

No.3055 Middle Fuxing Road, Baoding China (071051)

Tel: +86(312)8929801 8929700 Fax: +86(312)3151881

E-mail: commerce@yinglisolar.com Http://www.yinglisolar.com