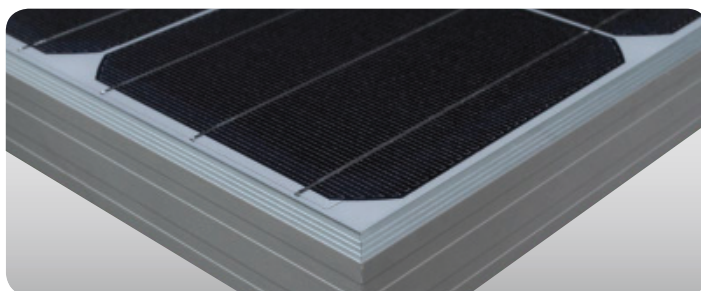


Yingli Mono 260 Series



Yingli Solar High Efficiency Monocrystalline Module

ABOUT YINGLI SOLAR

- » The first renewable energy company and the first Chinese company to sponsor FIFA World Cup™
- » Publicly listed on the New York Stock Exchange (NYSE: YGE)
- » One of the leading fully vertically integrated PV manufacturers in the world
- » The first Chinese company to receive Social Accountability System SA 8000 Certification

HIGH PERFORMANCE

- » Industry leading in-house manufacturing of polysilicon, ingots, wafers, cells and modules ensures tight control of our material and production quality.
- » Combined with high transmission glass, high efficiency monocrystalline solar cells deliver module efficiency of up to 15.9%, reducing installation costs and maximizing the kWh output per unit area.
- » Power tolerance of +/-3% minimizes PV system mismatch losses.

QUALITY & RELIABILITY

- » Robust aluminum frames ensure maximum mechanical load up to 5,400Pa
- » Manufactured in our new state-of-the-art production line
- » Manufacturing facilities certified by TÜV Rheinland to ISO 9001:2008, ISO 14001:2004 and BS OHSAS 18001:2007

* In compliance with our Warranty Terms and Conditions

WARRANTIES

- » 5-year limited product warranty*
- » Limited power warranty*: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output

QUALIFICATIONS AND CERTIFICATES

IEC 61215 Ed.2, IEC 61730 Class A, ISO 9001:2008, SA8000
ISO 14001:2004, BS OHSAS 18001:2007, CE



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ELECTRICAL PARAMETERS

Electrical parameters at STC (1,000 W/m², 25°C, AM 1.5 according to EN 60904-3)

Module type		YL245C-30b	YL250C-30b	YL255C-30b	YL260C-30b
Power output	[W]	245.0	250.0	255.0	260.0
Power output production tolerances	[%]	+/- 3	+/- 3	+/- 3	+/- 3
Module efficiency	[%]	15.0	15.3	15.6	15.9
Voltage at Pmax, V _{mpp}	[V]	30.4	30.5	30.6	30.8
Current at Pmax, I _{mpp}	[A]	8.07	8.20	8.33	8.46
Open circuit voltage V _{oc}	[V]	38.1	38.1	38.2	38.6
Short circuit current I _{sc}	[A]	8.59	8.71	8.85	8.91
Limiting reverse current I _r	[A]			20	
Max. system voltage	[V]			1,000 VDC	

Electrical parameters at NOCT (800 W/m², AM 1.5, wind velocity 1m/s, Tamb 20°C)

NOCT (Nominal Operating Cell Temperature)	[°C]			46 +/- 2	
Voltage at Pmax, V _{mpp}	[V]	27.5	27.6	27.7	27.8
Current at Pmax, I _{mpp}	[A]	6.48	6.58	6.68	6.79
Open circuit voltage V _{oc}	[V]	35.1	35.1	35.2	35.5
Short circuit current I _{sc}	[A]	6.92	7.02	7.13	7.18

Thermal characteristics

Temperature coefficient beta of I _{sc}	[%/K]			+ 0.04	
Temperature coefficient alpha of V _{oc}	[%/K]			- 0.33	
Temperature coefficient gamma of P _{mpp}	[%/K]			- 0.45	

MECHANICAL PARAMETERS

Dimensions (length [mm] / width [mm] / thickness [mm])		1,650 / 990 / 50
Frame height [mm]		50
Weight [kg]		19.5
Front cover (material / thickness [mm])		Tempered Glass, 3.2mm
Cell type (quantity / technology / dimensions)		60 / c-Si, Monocrystalline / 156 x 156
Encapsulation materials		Ethylene Vinyl Acetate (EVA)
Rear cover (material)		Laminated Polymer Plastic
Frame (material)		Robust Anodized Aluminum Alloy

Junction box, cable & connector configuration

		Configuration is available with 2 different connector types
Junction box (protection degree)		IP65
Junction box dimensions (length / width / thickness [mm])		151 / 122 / 25
Positive cable & negative cable (length [mm] / cable cross-section [mm ²])		1,200(900) / 4.0
Connector (type / protection degree)		05-1 / IP67 MC / MC4 / IP67

OPERATING CONDITIONS

Operating temperature [°C]	- 40 to + 85
Max. wind load / Max. snow load [Pa]	2.4K / 5.4K
Reduction of efficiency from an irradiance of 1,000 W/m ² to 200 W/m ² (T _{module} = 25 °C) according to EN 60904-1	5%

PACKAGING

Number of modules per box	20
Box size (length / width / depth [mm])	1,700 / 1,150 / 1,190
Box Gross weight in kg	427
Boxes per pallet	1

* The data does not refer to a single module and they are not part of the offer, they serve for comparison only to different module types.

Subject to modifications and errors

Yingli Green Energy Holding Co. Ltd.
 commerce@yinglisolar.com
 0086 - (0)312 - 8929802



Electrical equipment, check with your installer

Before installation, please check the installation manual provided with the product.

www.yinglisolar.com

