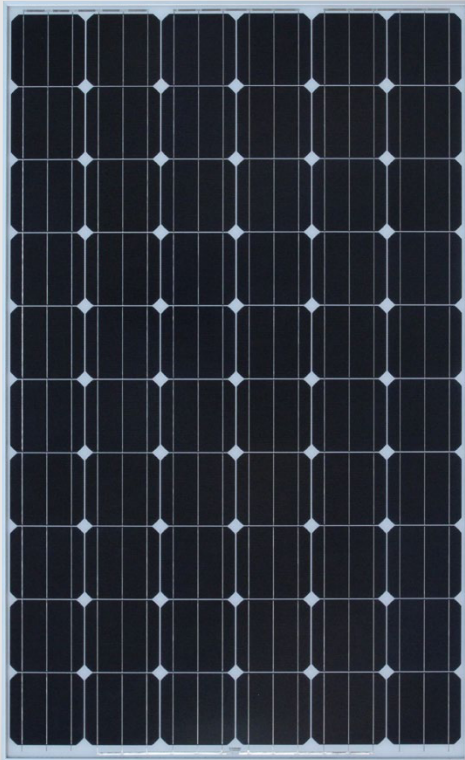
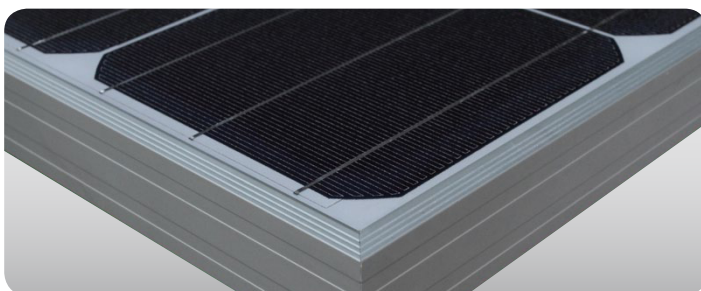


Yingli Mono 260 Series



YL260C-30b YL255C-30b YL250C-30b YL245C-30b



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

- » ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007, SA8000





Yingli Mono 260 Series

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

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Electrical equipment, check with your installer

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

www.yinglisolar.com

