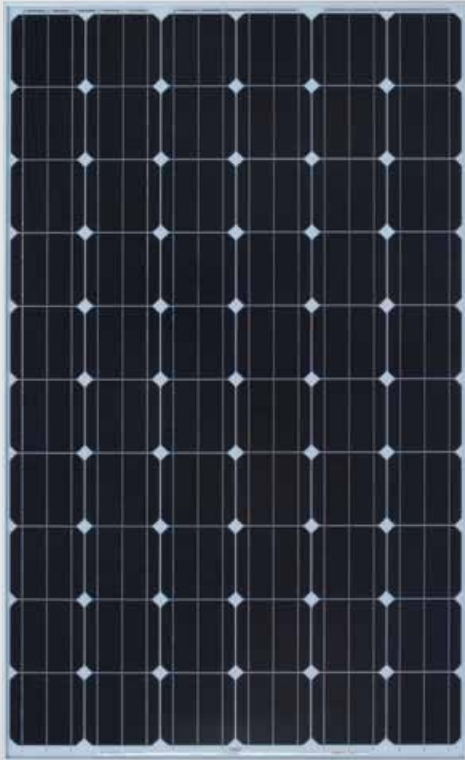
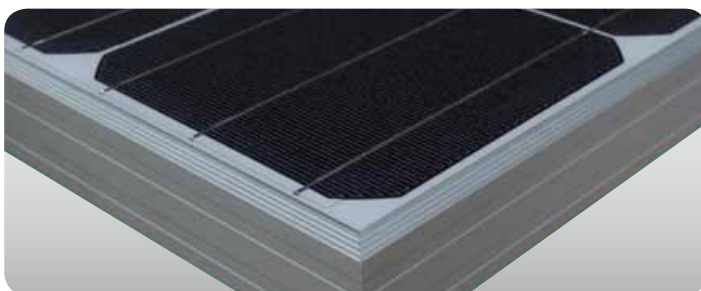


PANDA 265 SERIES



YL265C-30b YL260C-30b YL255C-30b YL250C-30b YL245C-30b



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, SA 8000
ISO 14001:2004, BS OHSAS 18001:2007, CE



Yingli Solar Panda High Efficiency N-type 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

- » N-type monocrystalline solar cells with average efficiency higher than 18.3% combined with high transmission glass leads to module efficiencies up to 16.2%
- » Low degradation in comparison with traditional modules with P-type solar cells
- » Better performance under high temperature conditions
- » Better performance under low irradiation conditions

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 Provisional datasheet. Subject to modifications and errors

PANDA 265 SERIES

ELECTRICAL PARAMETERS

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

Module name		Panda 245	Panda 250	Panda 255	Panda 260	Panda 265
Module type		YL245C-30b	YL250C-30b	YL255C-30b	YL260C-30b	YL265C-30b
Power output	[W]	245.0	250.0	255.0	260.0	265.0
Power output production tolerances	[%]	+/- 3	+/- 3	+/- 3	+/- 3	+/- 3
Module efficiency	[%]	15.0	15.3	15.6	15.9	16.2
Voltage at P _{max} , V _{mpp}	[V]	30.4	30.5	30.6	30.8	31.0
Current at P _{max} , I _{mpp}	[A]	8.07	8.20	8.33	8.46	8.55
Open circuit voltage V _{oc}	[V]	38.1	38.1	38.2	38.6	39.0
Short circuit current I _{sc}	[A]	8.59	8.71	8.85	8.91	8.93
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 P _{max} , V _{mpp}	[V]	27.5	27.6	27.7	27.8	28.1
Current at P _{max} , I _{mpp}	[A]	6.48	6.58	6.68	6.79	6.86
Open circuit voltage V _{oc}	[V]	35.1	35.1	35.2	35.5	35.9
Short circuit current I _{sc}	[A]	6.92	7.02	7.13	7.18	7.20

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 (manufacturer / protection degree)		Renhe / IP65				
Junction box dimensions (length / width / thickness [mm])		151 / 122 / 25				
Positive cable & negative cable (manufacturer / length [mm] / cable cross-section [mm ²])		Renhe / 1,200(900) / 4.0				
Connector (manufacturer / type / protection degree)		Renhe / 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.

Provisional datasheet. Subject to modifications and errors

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www.yinglisolar.com



Electrical equipment, check with your installer

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

