

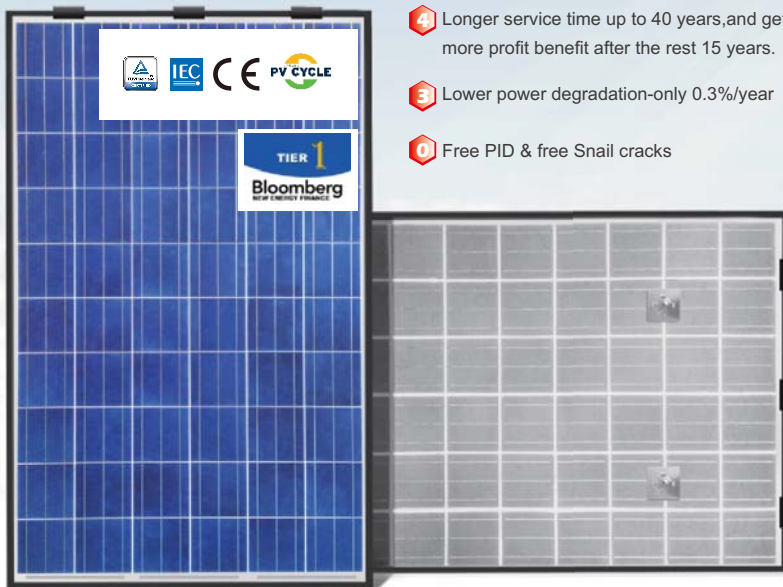


BYD P6C-30-DG Series-3BB

245W 250W 255W 260W

BYD 430 PV Game Changer

- 4 Longer service time up to 40 years, and get more profit benefit after the rest 15 years.
- 3 Lower power degradation-only 0.3%/year
- 0 Free PID & free Snail cracks



Game Changer-BYD generation 2 Double glass module



More Profitable

- Lower power degradation-0.3%/year
- Longer service time up to 40 years, and get more profit benefit after the rest 15 years.
- Easier installation
- Lower balance of system cost



More Durable

- The design of dual glass module to minimize micro-cracks
- Longer service time up to 40 years



More Efficient

- No UV cut off
- Higher power output



More Reliable

- PID free
- Free snail trials
- Stable encapsulating material



Average cell efficiency up to 17.8%
Excellent optical performance



Positive tolerance 0~5W
Reliability for output performance



12 years for product
25 years linear Warranty



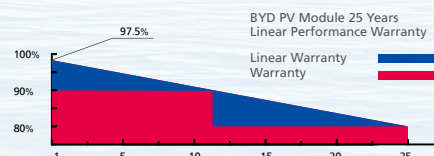
Residential roof top systems
On/Off-grid commercial systems
On/Off-grid utility systems



5400Pa for Snow Load Test
2400Pa for Wind Load Test



IEC 61215(Edition 2005), IEC 61730, UL1703,
ISO9001:2008, ISO14001:2004



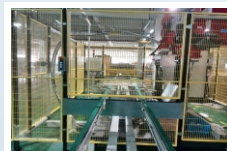
Production Process



Wafer Production



Cell Production



Module Production



Module

About BYD

BYD (HK:1211), one of the world's top PV manufacturers, produces from wafer to module, committing to high quality sustainable products and continuous improvement. Integrating with Electrical Vehicles and Battery Energy Storage technology makes BYD the world-leading solution provider from energy generating to consumption and storage.

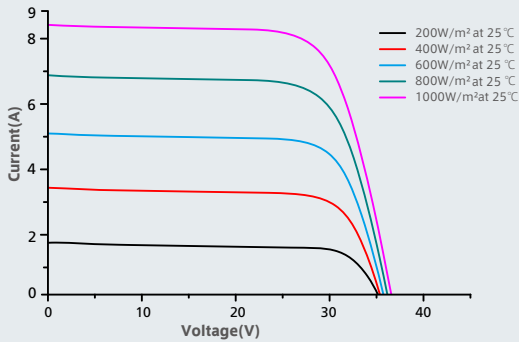
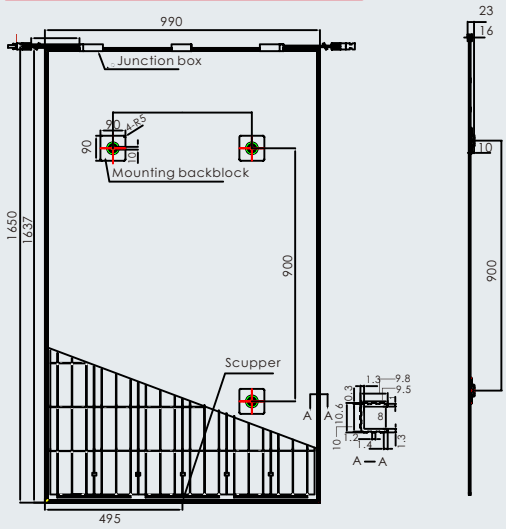
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BYD P6C-30-DG Series-3BB

Build Your Dreams

245W 250W 255W 260W



Mechanical Specifications

Cell	Polycrystalline Silicon solar cells 156mm * 156 mm / 6 inch
No. of Cells	60 (6 * 10) pcses
Dimension of Module	1650 mm*990 mm*23.0 mm / 65.0 inch*39.0 inch*0.91 inch
Weight	26kg / 57.3 inch
Front Glass	3.2 mm tempered glass with AR Coating
Frame	PPO
Junction Box	PV-ZH011C-1
Plug Connector	IP67
Bypass-Diodes	3 pcses
Type of Connector	PV-ZH202
Cable Section Area	4 mm ² / 0.0062 Sq in
Cable Length	2 * 400 mm / 2 * 15.7 inch
Max. Fuse Current Rating	20 A

Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Short-Circuit Current Temperature Coefficient	0.059%/°C
Open-Circuit Voltage Temperature Coefficient	-0.32%/°C
Peak Power Temperature Coefficient	-0.43%/°C

Package Information

Package	40' HC
Pcs / Pallet	32
Pallet / Container	28
Pcs / Container	896

BYD P6C-30-DG Series Electrical Specification

STC

Item	Module	BYD 245P6C-30-DG	BYD 250P6C-30-DG	BYD 255P6C-30-DG	BYD 260P6C-30-DG
Voc		37.45 V	37.76V	38.07 V	38.38V
Vmp		29.85 V	30.13 V	30.40V	30.67 V
Isc		8.73A	8.81A	8.89 A	8.97 A
Imp		8.21 A	8.30A	8.39 A	8.48A
Pmax		245 Wp	250 Wp	255 Wp	260 Wp
Module Efficiency		15.09%	15.40%	15.71%	16.01%
Operating Temperature		-40°C ~ 85°C			
Max.Fuse Current Rating		20 A			
Maximum System Voltage		1001 VDC			
Power Tolerance		0 ~ 5 W			
Application Classes		Class A			

STC: IRRADIANCE 1000W/m², Module Temperature 25°C, AM=1.5 Ave. efficiency reduction of 4.5% at 200W/m²

NOCT

Item	Module	BYD 245P6C-30-DG	BYD 250P6C-30-DG	BYD 255P6C-30-DG	BYD 260P6C-30-DG
Voc		34.45V	34.74V	34.99V	35.00V
Vmp		27.27V	27.57V	27.86V	28.3V
Isc		7.07A	7.12A	7.17A	7.26A
Imp		6.53A	6.58A	6.62A	6.65A
Pmax		178.1Wp	181.4Wp	184.4Wp	188.5Wp

NOCT: open-circuit module operation temperature at 800W/m² irradiance, 20° C ambient temperature, 1m/s wind speed.