



BYD P6D-36 Series-4BB-156.75P

310W 315W 320W 325W 330W 335W 340W



BYD 430 PV Game Changer

- 4 - Longer service time up to 40 years.
- 3 - The minimal annual power degradation could reach 0.3%
- 0 - PID free & snail cracks free.

2nd General BYD Double Glass Module

- More Profitable**
 - The minimal annual power degradation could reach 0.3%
 - Higher return on investment
 - Longer service time up to 40 years
 - Easier installation design
 - Higher system voltage
 - Lower balance of system cost
- More Durable**
 - Unique design and material to minimize micro-cracks
 - Longer service time up to 40 years
- More Efficient**
 - No UV cut off
 - Higher power output
- More Reliable**
 - PID free & snail cracks free.
 - Stable encapsulating material
 - EVA FREE

18.3% Average cell efficiency up to 18.3%
Excellent optical performance

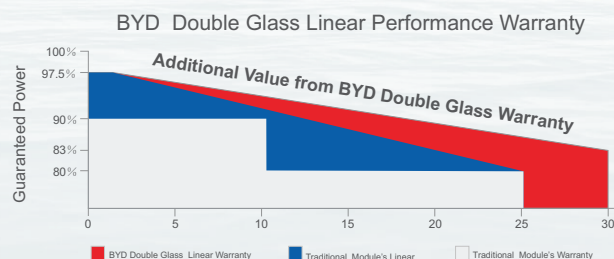
0~5w Positive tolerance 0~5W
Reliability for output performance

12 Years 12 years for product
30 years linear Warranty

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

3rd TUV 5400Pa for Snow Load Test
TUV 2400Pa for Wind Load Test
CSA Mechanical Load=1.5*3600Pa=5400 Pa

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.

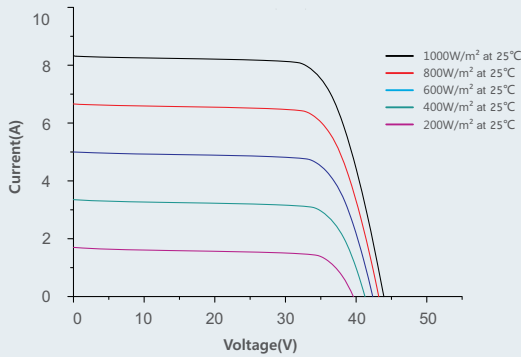
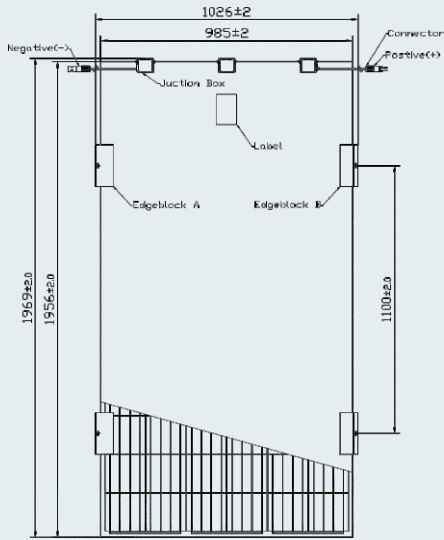
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Build Your Dreams

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Mechanical Specifications

Cell	Polycrystalline Silicon solar cells 156.75 mm * 156.75 mm / 6.2 inch
No. of Cells	72 (6 * 12) pcs
Dimension of Module	1956 mm*985 mm*7.5 mm / 77.1 inch*38.8 inch*0.3 inch
Weight	33.1kg / 73 lbs
Front Glass	3.2 mm tempered glass with AR Coating
Junction Box	ZH-011B-5, TS03-13, TS03-13B
Plug Connector	IP67
Bypass-Diodes	3 pcs
Type of Connector	PV-ZH202, TL-CABLE01S, TS01
Cable Section Area	4 mm ² / 0.0062 Sq in
Cable Length	2 * 400 mm / 2 * 15.7 inch

Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	43°C ± 2°C
Short-Circuit Current Temperature Coefficient	0.066%/°C
Open-Circuit Voltage Temperature Coefficient	-0.30%/°C
Peak Power Temperature Coefficient	-0.37%/°C

Package Information

Package	40 HC
Pcs / Pallet	32
Pallet / Container	18
Pcs / Container	576

BYD P6D-36 Series Electrical Specification

STC

Item	Module	BYD 310P6D-36	BYD 315P6D-36	BYD 320P6D-36	BYD 325P6D-36	BYD 330P6D-36	BYD 335P6D-36	BYD 340P6D-36
Open Circuit Voltage (Voc)		45.79V	46.09V	46.39V	46.69V	46.98V	47.28V	47.58V
Maximum Operating Voltage (Vmp)		36.38V	36.58V	36.78V	36.98V	37.16V	37.35V	37.53V
Short Circuit Current (Isc)		8.99A	9.07A	9.15A	9.23A	9.31A	9.39A	9.47A
Maximum Operating Current (Imp)		8.52A	8.61A	8.70A	8.79A	8.88A	8.97A	9.06A
Maximum Power in STC (Pmax)		310 Wp	315 Wp	320 Wp	325 Wp	330 Wp	335 Wp	340 Wp
Module Efficiency		16.1%	16.3%	16.6%	16.9%	17.1%	17.4%	17.6%
Operating Temperature		-40°C~85°C						
Max.Fuse Current Rating		15 A						
Maximum System Voltage		1000VDC/1500VDC						
Power Tolerance		0~5 W						
Application Classes		Class A						

STC: IRRADIANCE 1000W/m², Module Temperature 25°C, AM=1.5 Ave. efficiency reduction of 5.0% at 200W/m²

NOCT

Item	Module	BYD 310P6D-36	BYD 315P6D-36	BYD 320P6D-36	BYD 325P6D-36	BYD 330P6D-36	BYD 335P6D-36	BYD 340P6D-36
Open Circuit Voltage (Voc)		42.8V	43.0V	43.3V	43.5V	43.8V	44.1V	44.0V
Maximum Operating Voltage (Vmp)		34.4V	34.6V	34.9V	35.1V	35.3V	35.6V	35.7V
Short Circuit Current (Isc)		7.28A	7.34A	7.40A	7.47A	7.54A	7.60A	7.67A
Maximum Operating Current (Imp)		6.74A	6.80A	6.86A	6.93A	6.99A	7.05A	7.14A
Maximum Power in NOCT (Pmax)		231.8Wp	235.3Wp	239.3Wp	243.2Wp	247.1Wp	251.1Wp	254.8Wp

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