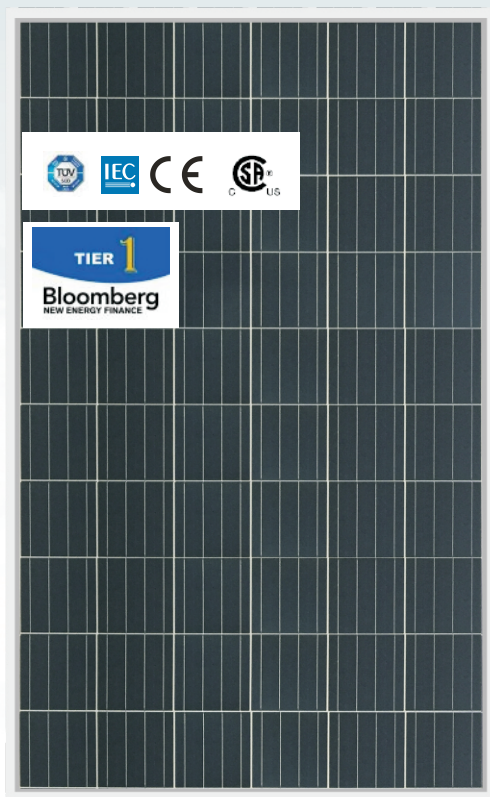




# BYD P6C-30-Series-4BB-156.75P

250W 255W 260W 265W 270W 275W 280W



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  
25 years linear Warranty

Grid

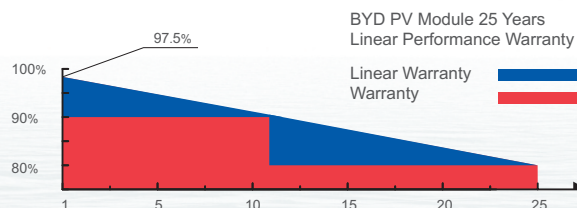
Residential roof top systems  
On/Off-grid commercial systems  
On/Off-grid utility systems

3<sup>rd</sup>

TUV Class C fire class rating  
TUV Salt corrosion resistance test  
TUV 5400Pa for Snow Load Test  
TUV 2400Pa for Wind Load Test  
CSA Type 1 fire class rating  
CSA Mechanical Load=1.5\*3600Pa=5400Pa

Certification

IEC 61215(Edition 2005), IEC 61730  
ULC/ORD-C 1703-01, UL 1703-3rd Edition  
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.

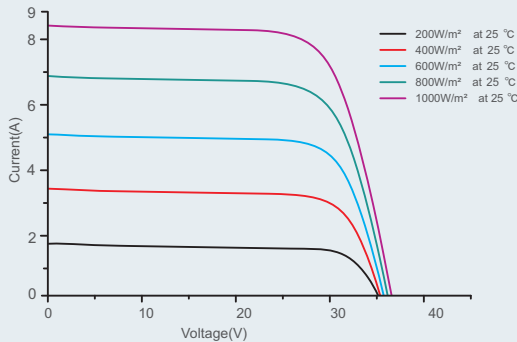
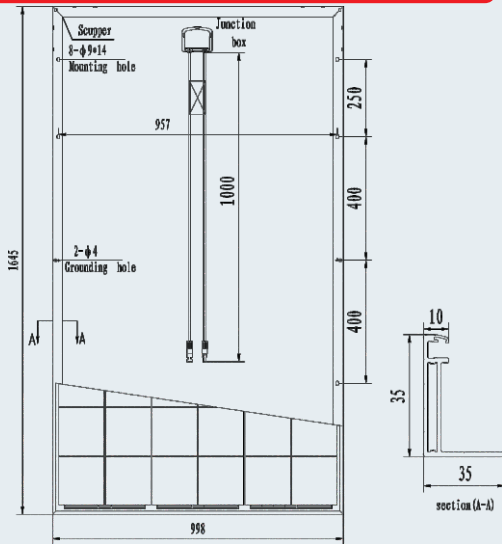
### BYD COMPANY LIMITED HEADQUARTER

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Fax: +86-755-8420 2222  
Email: bydpv@byd.com  
www.byd.com

# BYD P6C-30-Series-4BB-156.75P

Build Your Dreams

250W 255W 260W 265W 270W 275W 280W



## Mechanical Specifications

Cell	Polycrystalline Silicon solar cells
No. of Cells	156.75mm * 156.75 mm / 6.17 inch
Dimension of Module	60 (6 * 10) pcs
Weight	1645mm*998mm*35mm / 62.31 inch * 39.29 inch * 1.38 inch
Front Glass	18.6Kg / 41.01 lbs
Frame	3.2 mm tempered glass with AR Coating
Junction Box	Anodized aluminum alloy
Plug Connector	Ip67
Bypass-Diodes	IP67
Type of Connector	3 pcs
Cable Section Area	202,TS01,TS02,Helios H4,PV-KST4/611&PV-KBT4/611
Cable Length	4 mm² / 0.0062 Sq in
	2 * 1000 mm / 2*39.4 inch

## Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Short-Circuit Current Temperature Coefficient	0.07%/°C
Open-Circuit Voltage Temperature Coefficient	-0.31%/°C
Peak Power Temperature Coefficient	-0.39%/°C

## Package Information

Package	40' HC
Pcs / Pallet	30
Pallet / Container	28
Pcs / Container	840

## BYD P6C-30 Series Electrical Specification

### STC

Item	Module	BYD 250P6C-30	BYD 255P6C-30	BYD 260P6C-30	BYD 265P6C-30	BYD 270P6C-30	BYD 275P6C-30	BYD 280P6C-30
Open Circuit Voltage (Voc)		37.76 V	38.07 V	38.38V	38.69V	39.00V	39.31 V	39.62 V
Maximum Operating Voltage (Vmp)		30.13 V	30.40 V	30.67 V	30.92 V	31.18 V	31.43 V	31.68 V
Short Circuit Current (Isc)		8.81 A	8.89 A	8.97 A	9.05 A	9.13 A	9.21 A	9.29 A
Maximum Operating Current (Imp)		8.30 A	8.39 A	8.48A	8.57A	8.66A	8.75 A	8.84 A
Maximum Power in STC (Pmax)		250 Wp	255 Wp	260 Wp	265 Wp	270 Wp	275 Wp	280 Wp
Module Efficiency		15.3%	15.7%	16.0%	16.3%	16.6%	16.9%	17.2%
Operating Temperature		-40°C~85°C						
Max. Fuse Current Rating		15 A						
Maximum System Voltage		1000 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 3% at 200W/m²

### NOCT

Item	Module	BYD 250P6C-30	BYD 255P6C-30	BYD 260P6C-30	BYD 265P6C-30	BYD 270P6C-30	BYD 275P6C-30	BYD 280P6C-30
Open Circuit Voltage (Voc)		34.9 V	35.1 V	35.4 V	35.7 V	36.0 V	36.3 V	36.6 V
Maximum Operating Voltage (Vmp)		27.8 V	28.0 V	28.3 V	28.6 V	28.8 V	29.1 V	29.1 V
Short Circuit Current (Isc)		7.15 A	7.21 A	7.28 A	7.34 A	7.40 A	7.47 A	7.53 A
Maximum Operating Current (Imp)		6.66 A	6.73 A	6.80 A	6.87 A	6.94 A	7.00 A	7.02 A
Maximum Power in NOCT (Pmax)		185.1 Wp	188.8 Wp	192.6 Wp	196.3 Wp	200.1 Wp	203.8 Wp	204.4 Wp

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