

# P6C-36-SERIES-5BB



156.75P



18.8%

Average cell efficiency up to 18.8%  
Excellent optical performance

0-5w

Positive tolerance 0~5W  
Reliability for output performance

10  
Years

10 years for product  
25 years linear Warranty

Grid

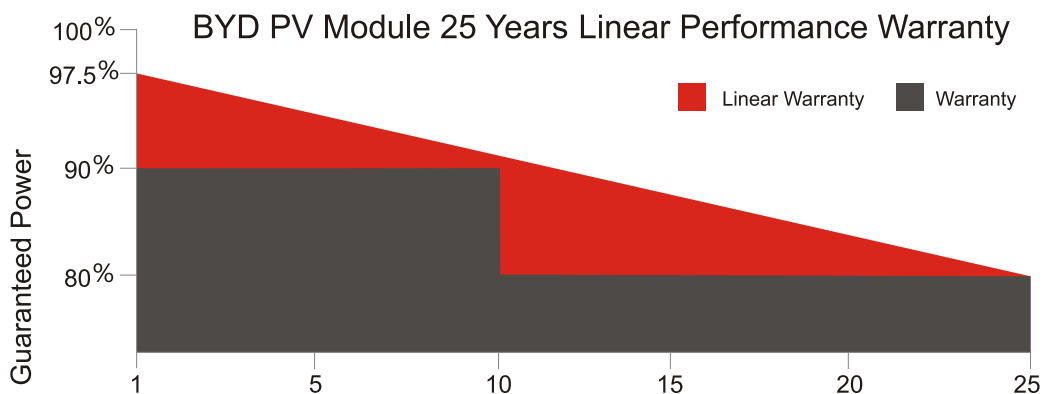
Residential roof top systems  
On/Off-grid commercial systems  
On/Off-grid utility systems

3<sup>rd</sup>

TUV Class C fire class rating  
TUV 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



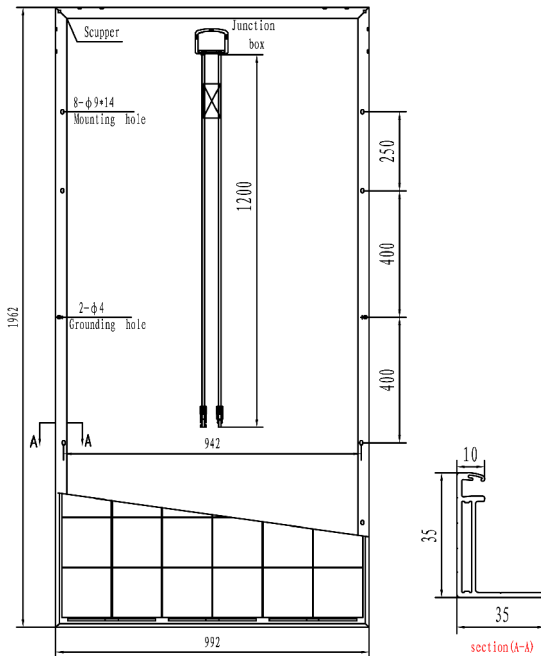
## ABOUT BYD

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.

# P6C-36-SERIES-5BB

## 310-330W

### 156.75P



### MECHANICAL SPECIFICATIONS

Cell	Poly-crystalline	156.75×156.75mm / 6.17 inch
No. of Cells	72 (6×12) pcs	
Dimension of Module	1962×992×35mm / 77.24 inch×39.06 inch×1.38 inch	
Weight	22.1 kg / 48.62 lbs	
Front Glass	3.2 mm tempered glass with AR Coating	
Frame	Anodized aluminum alloy	
Junction Box	IP67	
Plug Connector	IP67	
Bypass-Diodes	3 pcs	
Type of Connector	MC4-compatible	
Cable Section Area	4 mm <sup>2</sup> / 0.0062 Sq in	
Cable Length	2×1200 mm / 2×47.2 inch	

### TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45°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	22
Pcs / Container	660

### STC

Module Type	310P6C-36	315P6C-36	320P6C-36	325P6C-36	330P6C-36
Open Circuit Voltage (Voc)	45.79 V	46.09 V	46.39 V	46.69 V	46.98 V
Maximum Operating Voltage (Vmp)	36.38 V	36.58 V	36.78 V	36.98 V	37.16 V
Short Circuit Current (Isc)	8.99 A	9.07 A	9.15 A	9.23 A	9.31 A
Maximum Operating Current (Imp)	8.52 A	8.61 A	8.70 A	8.79 A	8.88 A
Maximum Power in STC (Pmax)	310 Wp	315 Wp	320 Wp	325 Wp	330 Wp
Module Efficiency	15.9%	16.2%	16.4%	16.7%	17.0%
Operating Temperature	-40°C-85°C				
Max.Fuse Current Rating	15 A				
Maximum System Voltage	1000 VDC				
Power Tolerance	0~5W				
Application Classes	Class A				

STC: IRRADIANCE 1000W/m<sup>2</sup>, Module Temperature 25°C, AM=1.5 Ave. efficiency reduction of 4.5% at 200W/m<sup>2</sup>

### NOCT

Module Type	310P6C-36	315P6C-36	320P6C-36	325P6C-36	330P6C-36
Open Circuit Voltage (Voc)	42.20 V	42.50 V	42.80 V	43.10 V	43.40 V
Maximum Operating Voltage (Vmp)	33.80 V	34.00 V	34.30 V	34.50 V	34.80 V
Short Circuit Current (Isc)	7.29 A	7.36 A	7.42 A	7.49 A	7.54 A
Maximum Operating Current (Imp)	6.77 A	6.83 A	6.90 A	6.96 A	7.01 A
Maximum Power in STC (Pmax)	228.80 Wp	232.60 Wp	236.4 Wp	240.4 Wp	244.2 Wp

NOCT: open-circuit module operation temperature at 800W/m<sup>2</sup> irradiance, 20°C ambient temperature, 1m/s wind speed.



**BYD SOLAR** No.3009, BYD Road, Pingshan, Shenzhen, 518118, P.R.China

**T** +86-755-8988 8888

**F** +86-755-8420 2222

**@** bydpv@byd.com

**e** www.byd.com/pv