

BYD's Dream All Human Hope

Changing human dependence on non-renewable energy as the starting point, with three green dreams of electric vehicle, energy storage station and solar farm, BYD looks forward to helping more countries and people to get rid of fossil energy over consumption crisis and environmental pollution, and strive to leave offspring a beautiful and clean world to live in.



In the daytime, solar panels capture solar energy like plants. At night, energy storage station transports the stored energy, like solar energy, wind energy, tidal energy, to thousands of families smoothly.

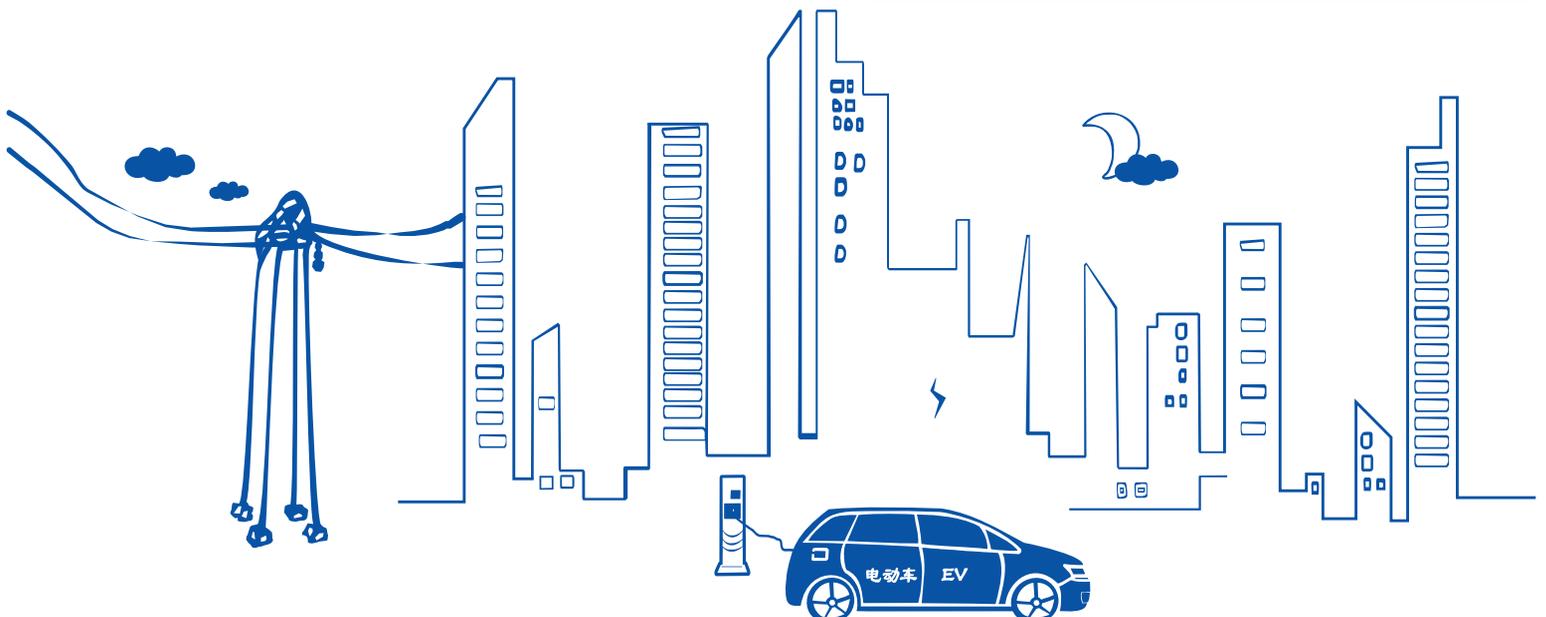
The electric vehicle, shuttling on the streets and lanes, is of zero emission, zero pollution.

Is this a dream?

This is the green dream of BYD and even all human beings.

Is this a dream?

No. We are already seeing it approaching us.





18.8%

Average cell efficiency up to 18.8%
Excellent optical performance



Power tolerance 0-5W
Reliability for output performance



10 years for product
25 years linear Warranty



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



Design loads: 3600 Pa for positive
(downward) and 1600 Pa for
negative (upward)

Safety factors Ym: 1.5



IEC61215-1(ed.1)
IEC61215-1-1(ed.1)
IEC61215-2(ed.1)
IEC61730-1(ed.2)
IEC61730-2(ed.2)

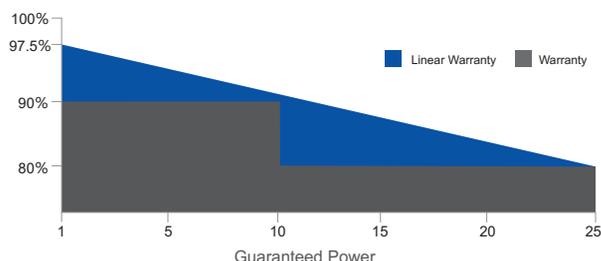
BYD PV

Conventional Module

BYD P6K-36-SERIES-5BB 320-340W



BYD PV Module 25 Years Linear Performance Warranty





BYD P6K-36-SERIES-5BB 320-340W

The country of manufacture is China

Mechanical Properties

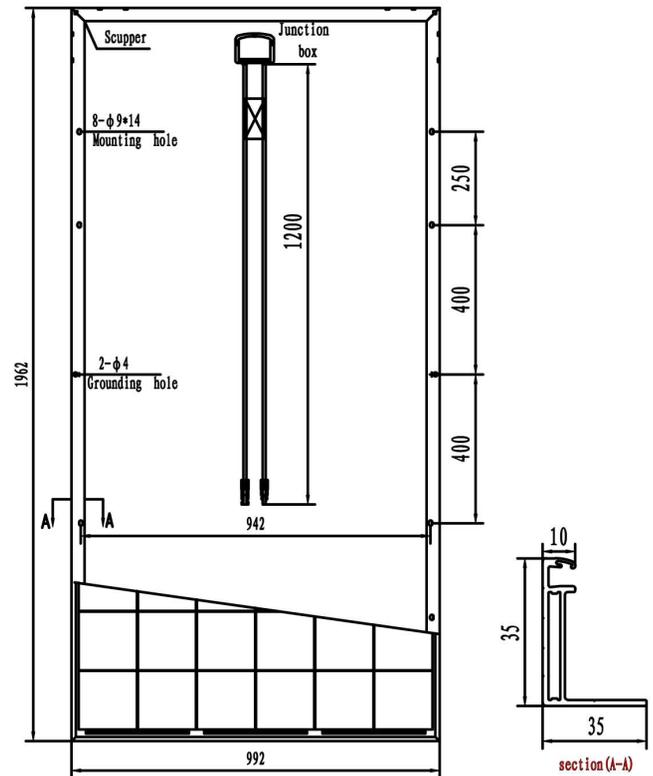
Cell Type	156.75x156.75mm
Number of Cells	72(6x12)pcs
Dimension	1962x992x35mm
Weight	22.1kg
Front/Glass	3.2 mm tempered glass with AR Coating
Frame	Anodized aluminum alloy
Junction Box	IP67(3 Diodes)
Cable Type	4.0mm ² *1200mm
Connector	PV-ZH202B

Temperature Coefficient

Short-Circuit Current Temperature Coefficient	0.051%/°C
Open-Circuit Voltage Temperature Coefficient	-0.285%/°C
Peak Power Temperature Coefficient	-0.37%/°C

Packing Information

Package	40'HQ
Pcs / Pallet	30
Pallet / Container	22
Pcs / Container	660



Electrical Properties

Module Type	BYD320P6K-36	BYD325P6K-36	BYD330P6K-36	BYD335P6K-36	BYD340P6K-36
Open Circuit Voltage (Voc) (V)	46.39V ±5%	46.69 V ±5%	46.98 V ±5%	47.28 V ±5%	47.58 V ±5%
Short Circuit Current (Isc) (A)	9.15A ±5%	9.23 A ±5%	9.31 A ±5%	37.35 V ±5%	37.53 V ±5%
MPP Voltage (Vmp)(V)	36.80V	36.98 V	37.16 V	9.39 A	9.47 A
MPP Current (Imp) (A)	8.70A	8.79A	8.88 A	8.97 A	9.06 A
Module Efficiency (%)	16.4%	16.7%	17.0%	17.2%	17.5%
Operating Temperature (°C)	-40°C~85°C				
Maximum System Voltage (V)	1500 VDC				
Maximun Series Fuse Rating (A)	15 A				
Fire safety	Class C				
Power tolerance	0-5W				

STC: IRRADIANCE 1000W/m², Module Temperature 25°C, AM=1.5

Ave. efficiency reduction of 4.5% at 200W/m²

NOCT

Peak Power(Pmax)	236Wp	240Wp	243Wp	247Wp	251Wp
Open Circuit Voltage (Voc)	43.05V	43.3V	43.6V	43.9V	44.1V
Maximum Operating Voltage (Vmp)	34.65V	34.9V	35.1V	35.4V	35.6V
Short Circuit Current (Isc)	7.40A	7.46A	7.52A	7.59A	7.65A
Maximum Operating Current (Imp)	6.81A	6.87A	6.93A	6.99A	7.05A

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