For a Free Quote:
Web: EnergyPal.com
Call: **1-800-990-3725**
Email: **contact@energypal.com**

Solar Panel Guide

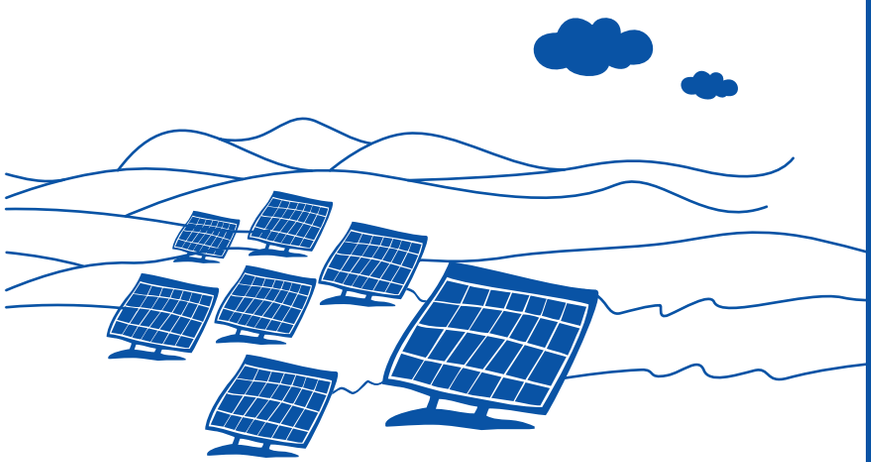
Specification Data Sheet

Learn more at energypal.com/best-solar-panels-for-homes

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.

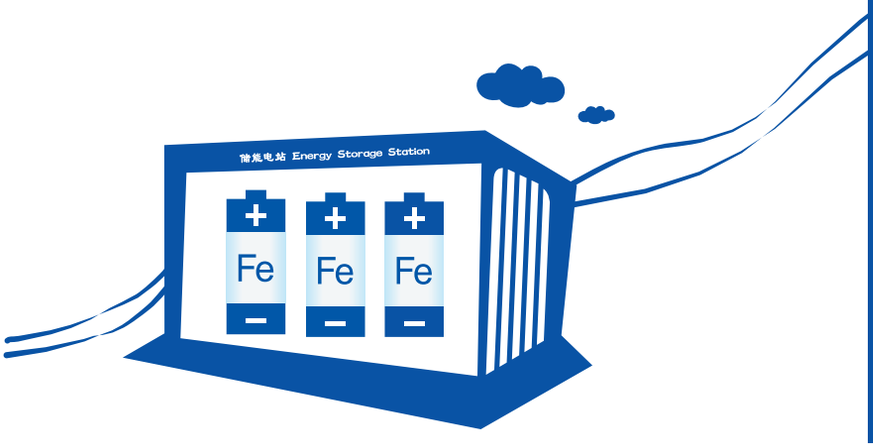
The electric vehicle, shuttling on the streets and lanes, is of zero emission, zero ollution.

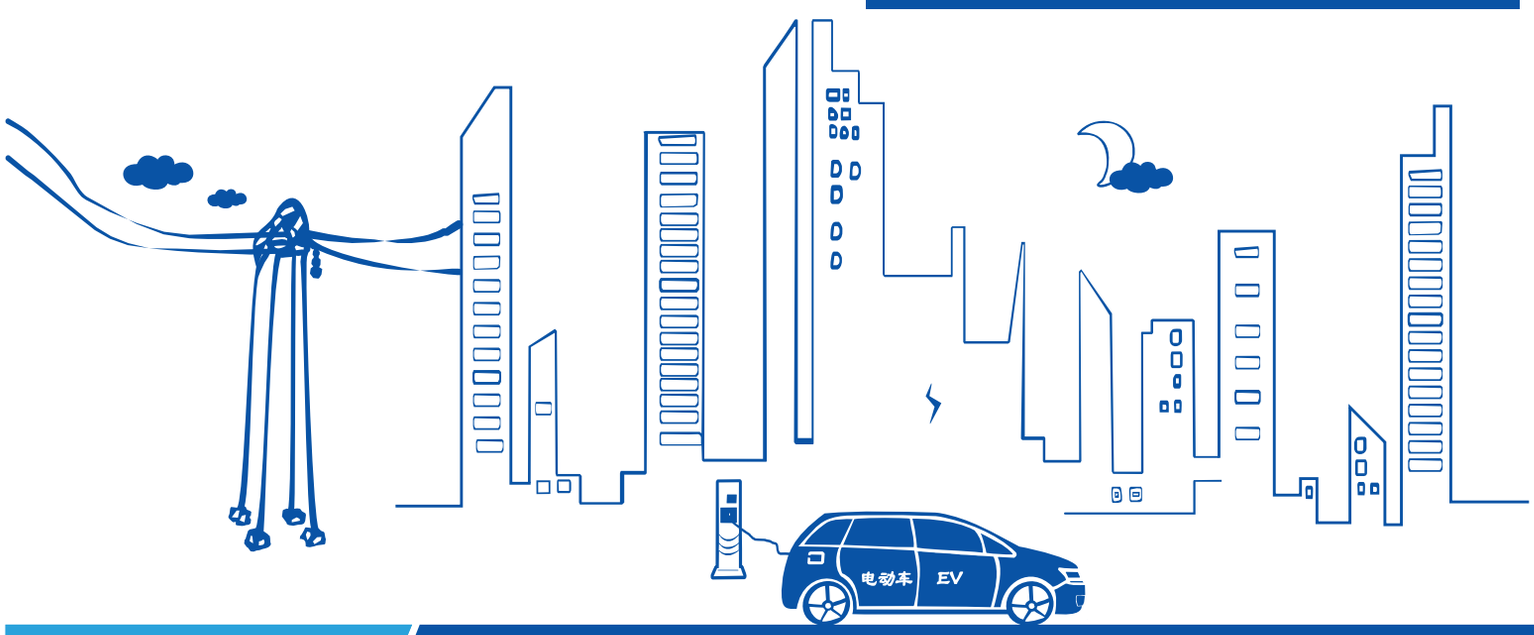
Is this a dream?

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

Is this a dream?

No. We are already seeing it approaching us.

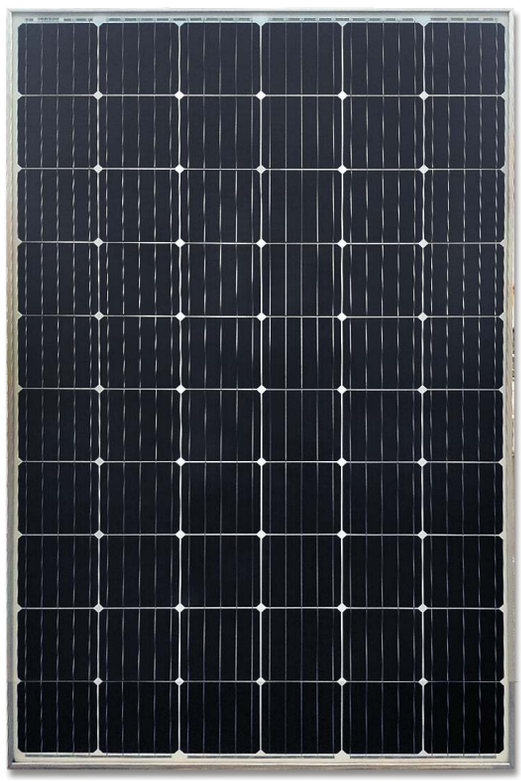




BYD

Monocrystal Silicone Modules

BYD M6K-30-5BB 285W-310W



21.8%

Average cell efficiency up to **21.8%**
Excellent optical performance

0-5W

Power 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

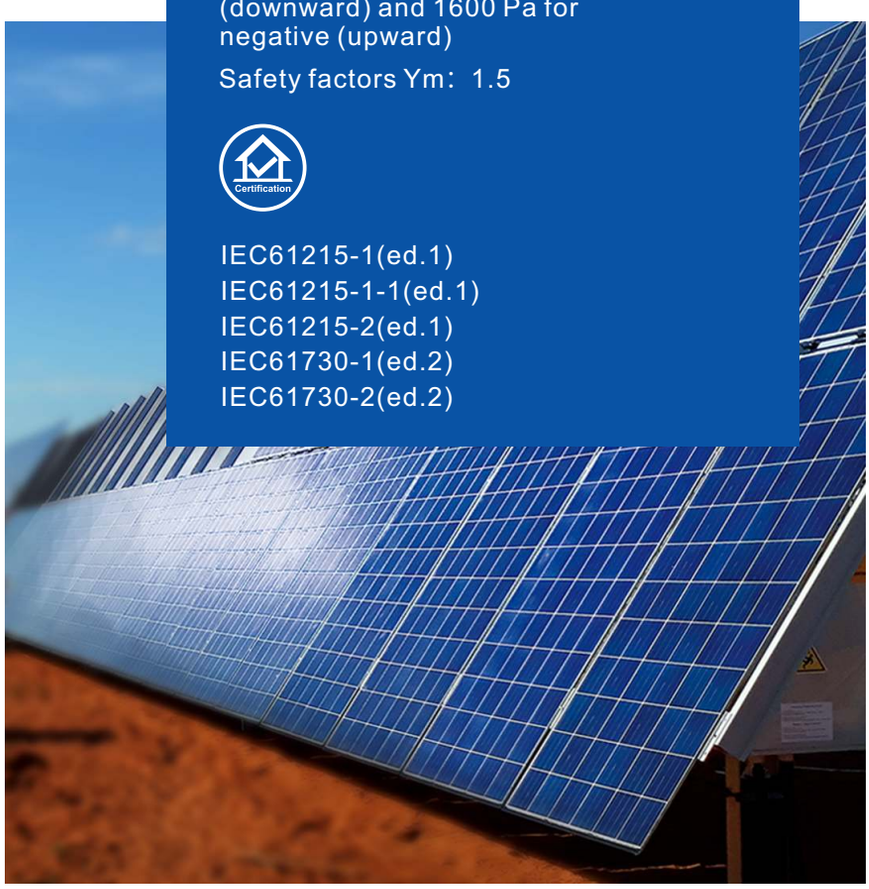
3rd

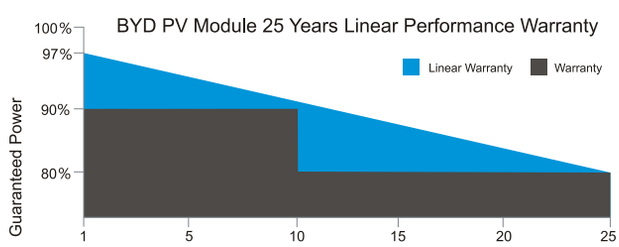
Design loads: 3600 Pa for positive (downward) and 1600 Pa for negative (upward)

Safety factors Ym: 1.5

Certification

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





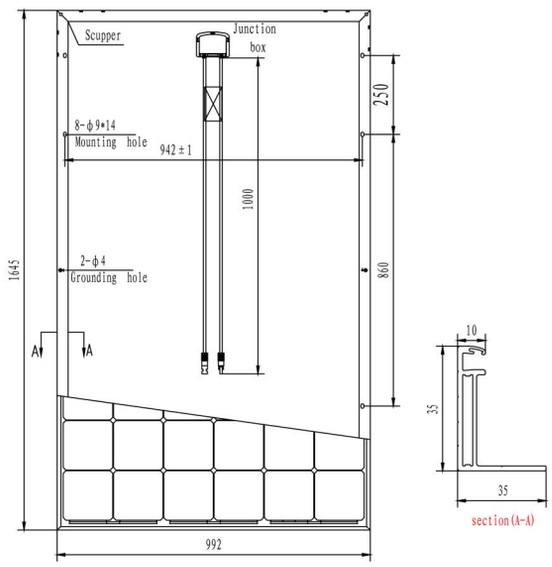
TIER 1
Bloomberg
NEW ENERGY FINANCE

BYD M6K-30-5BB 285W-320W

The country of manufacture is China

Mechanical Properties

Cell Type	156.75mm*156.75mm
Number of Cells	60pcs (6*10)
Dimension	1645mm*992mm*35mm
Weight	18.7Kg
Front/Glass	3.2mm tempered glass with AR Coating
Frame	Anodized aluminum alloy
Junction Box	IP67(3 Diodes)
Cable Type	4.0mm²1000mm
Connector	PV-ZH202B



Temperature Coefficient

TemP. Coeff. of Pmax (TK Pmax)	-0.343%/℃
TemP. Coeff. of Voc (TK Voc)	-0.257%/℃
TemP. Coeff. of Isc (TK Isc)	0.04%/℃

Packing Information

Packing Type	40' HQ
Piece/Pallet	30
Pallet/Container	28
Piece/Container	840

Electrical Properties

Module Type	BYD285M6K-30	BYD290M6K-30	BYD295M6K-30	BYD300M6K-30	BYD305M6K-30	BYD310M6K-30	BYD315M6K-30	BYD320M6K-30
Open Circuit Voltage (Voc) (V)	38.66 V±5%	38.76 V±5%	38.85 V±5%	38.95 V±5%	39.04 V±5%	39.14 V±5%	39.23 V±5%	39.33 V±5%
Short Circuit Current (Isc) (A)	9.54 A±5%	9.60 A±5%	9.67 A±5%	9.73 A±5%	9.80 A±5%	9.87 A±5%	9.94 A±5%	10.00 A±5%
MPP Voltage (Vmp)(V)	32.06 V	32.26 V	32.46 V	32.66 V	32.86 V	33.06 V	33.26 V	33.46 V
MPP Current (Imp) (A)	8.92 A	9. 01 A	9.10 A	9.20 A	9.29 A	9.39 A	9.48 A	9.57 A
Module Efficiency (%)	17.46%	17.77%	18.08%	18.38%	18.69%	19.00%	19.30%	19.61%
Operating Temperature (℃)	-40℃~+85℃							
Maximum System Voltage (V)	1500 (VDC)							
Maximun Series Fuse Rating (A)	15 A							
Fire safety	Class C							
Power tolerance	0-5W							

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m2, spectrum AM 1.5 and cell temperature of 25°C.

NOCT

Peak Power(Pmax)	211Wp	215Wp	218Wp	222Wp	226Wp	229Wp	233Wp	236Wp
Open Circuit Voltage (Voc) (V)	35.8 V	35.9 V	36 V	36.1 V	36.1 V	36.2 V	36.3 V	36.3 V
Short Circuit Current (Isc) (A)	7.72 A	7.77 A	7.82 A	7.87 A	7.93 A	7.99 A	8.05 A	8.09 A
MPP Voltage (Vmp)(V)	29.2 V	29.4 V	29.6 V	29.9 V	30.1 V	30.2 V	30.5 V	30.7 V
MPP Current (Imp) (A)	7.21 A	7.29 A	7.37 A	7.44 A	7.51 A	7.57 A	7.64 A	7.69 A

BYD COMPANY LIMITED.

ADD: Yan An Road, Kuichong, Longgang, 518119 Shenzhen, PEOPLE'S REPUBLIC OF CHINA