

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.





19.0%

Average cell efficiency up to 19.0%
Excellent optical performance

0-5W

Power 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

3rd

Design loads: 3600 Pa for positive
(downward) and 1600 Pa for
negative (upward) Safety factors Ym: 1.5

Corresponding to maximum snow and ice
load 5400Pa, maximum wind load 2400Pa

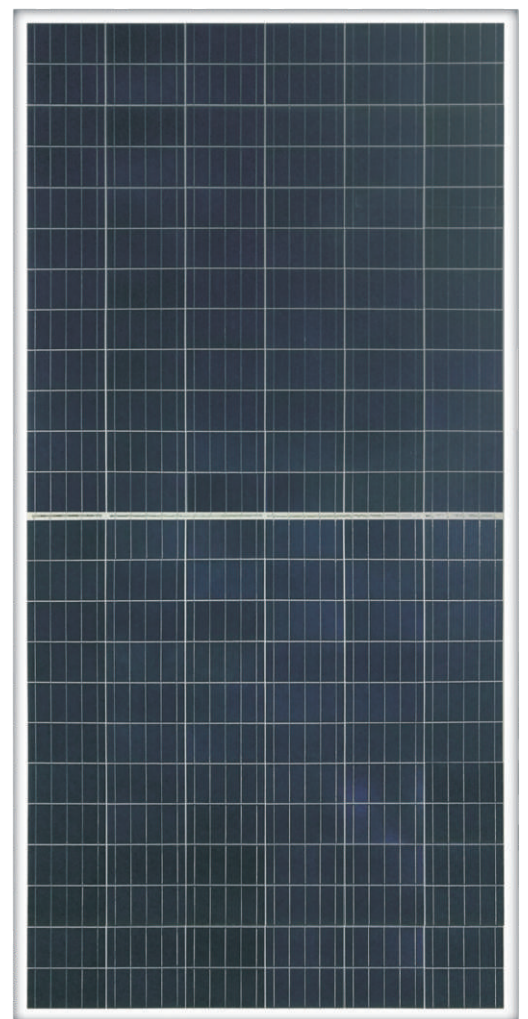
Certification

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

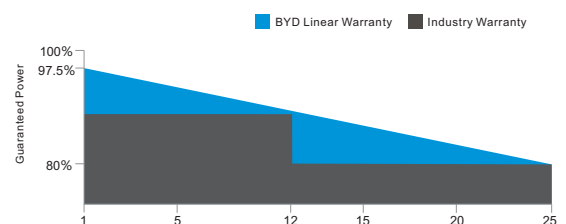
BYD

Poly Half Cell Module

BYD PIK-36-SERIES-5BB 335-350W



BYD PV Module 25 Years Linear Performance Warranty



BYD PIK-36-SERIES-5BB 335-350W

Mechanical Properties

Cell Type	158.75mm*79.375mm
Number of Cells	144
Dimension of Module	2008*1002*35mm
Weight	21.80 kg ± 5%
Front Glass	3.2mm tempered glass with AR Coating
Frame	Anodized aluminum alloy
Junction Box	IP67(3 Diodes)
Cable Length	+320mm, -260mm(4.0mm ²)
Connector	MC4 Compatible

Temperature Coefficient

Peak Power Temperature Coefficient	-0.35%/°C
Open-Circuit Voltage Temperature Coefficient	-0.285%/°C
Short-Circuit Current Temperature Coefficient	0.057%/°C

Packing Information

Packing Type	40' HQ
Piece/Pallet	30+35
Pallet/Container	11+11
Piece/Container	715

Electrical Data (STC*)

Module Type	BYD335PIK-36	BYD340PIK-36	BYD345PIK-36	BYD350PIK-36
Rate Maximum Power (Pmax)(W)	335Wp	340Wp	345Wp	350Wp
Open Circuit Voltage (Voc) (V)	45.44V	45.69V	45.94V	46.19V
Short Circuit Current (Isc) (A)	9.25A	9.31A	9.36A	9.42A
Maximum Power Voltage (Vmp)(V)	38.10V	38.36V	38.62V	38.87V
Maximum Power Current (Imp) (A)	8.79A	8.86A	8.93A	9.00A
Module Efficiency (%)	16.65%	16.90%	17.15%	17.39%

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

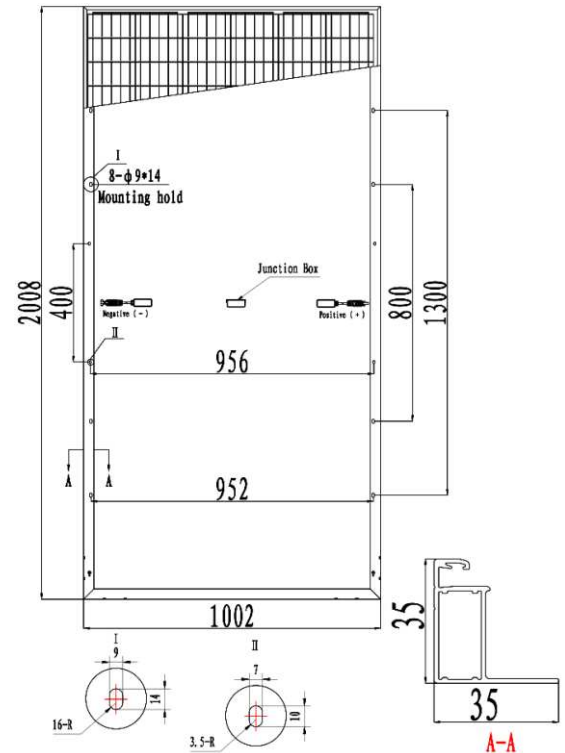
Electrical Data (NMOT*)

Module Type	BYD335PIK-36	BYD340PIK-36	BYD345PIK-36	BYD350PIK-36
Rate Maximum Power (Pmax)(W)	248.7Wp	252.4Wp	256.3Wp	259.6Wp
Open Circuit Voltage (Voc) (V)	42.3V	42.5V	42.7V	43.0V
Short Circuit Current (Isc) (A)	7.48A	7.53A	7.58A	7.62A
Maximum Power Voltage (Vmp)(V)	35.2V	35.5V	35.8V	36.0V
Maximum Power Current (Imp) (A)	7.06A	7.12A	7.16A	7.20A

Nominal Module Operating Temperature (NMOT) : irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

Operational Parameter

Operating Temperature (°C)	-40°C~+85°C
NOCT(Nominal operating cell temperature)	45°C±2°C
Maximum System Voltage (V)	1500(VDC)
Maximun Fuse Current Rating (A)	20A
Fire Safety	Class C
Power Tolerance	0-5W



BYD COMPANY LIMITED

ADD: No.1, Yan'an Road, Kuichong,Dapeng New District, Shenzhen, 518116, P.R.China

T +86-755-8988 8888 ext. 64866

@ bydvp@byd.com

e pv.byd.com