

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.





22.2 %

Average cell efficiency up to 22.2 %
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 γ_m : 1.5

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

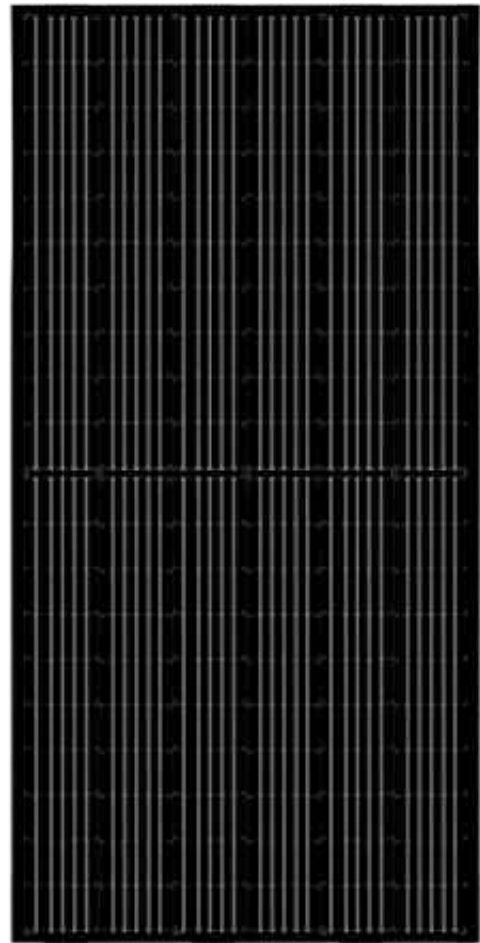
Certification

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

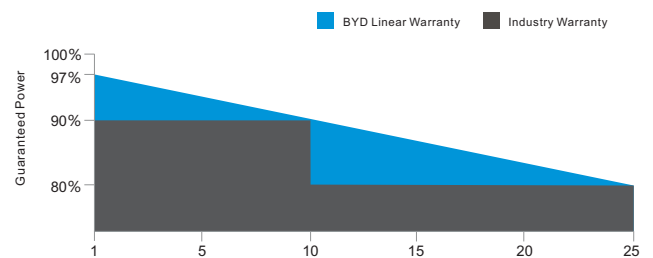
BYD

Mono Half Cell Module

BYD*MIK-30-SERIES-5BB 325W-340W



BYD PV Module 25 Years Linear Performance Warranty



BYD*MIK-30-SERIES-5BB 325W-340W

Mechanical Properties

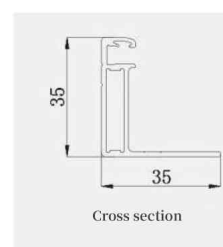
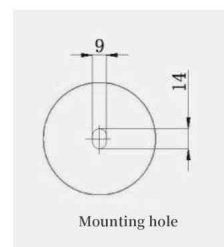
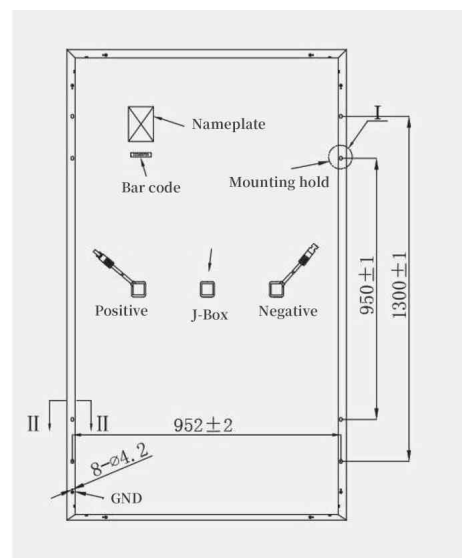
Cell Type	158.75mm*79.375mm
Number of Cells	120
Dimension of Module	1684*1002*35mm
Weight	19.5Kg ±5%
Front Glass	3.2mm tempered glass with AR Coating
Frame	Anodized aluminum alloy(black)
Junction Box	IP67(3 Diodes)
Cable Length	+300mm, -400mm(4.0mm)
Connector	MC4 Compatible

Temperature Coefficient

Peak Power Temperature Coefficient	-0.393%/°C
Open-Circuit Voltage Temperature Coefficient	-0.287%/°C
Short-Circuit Current Temperature Coefficient	0.024%/°C

Packing Information

Packing Type	40' HQ
Piece/Pallet	31+35
Pallet/Container	13+13
Piece/Container	858pcs



Electrical Data (STC*)

Module Type	BYD*325MIK-30	BYD*330MIK-30	BYD*335MIK-30	BYD*340MIK-30
Rate Maximum Power (Pmax)(W)	325Wp	330Wp	335Wp	340Wp
Open Circuit Voltage (Voc) (V)	40.25V	40.59V	40.93V	41.26V
Short Circuit Current (Isc) (A)	10.22A	10.29A	10.36A	10.43A
Maximum Power Voltage (Vmp)(V)	33.45V	33.72V	33.99V	34.24V
Maximum Power Current (Imp) (A)	9.72A	9.79A	9.86A	9.93A
Module Efficiency (%)	19.26%	19.56%	19.85%	20.15%

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

Electrical Data (NMOT*)

Module Type	BYD*325MIK-30	BYD*330MIK-30	BYD*335MIK-30	BYD*340MIK-30
Rate Maximum Power (Pmax)(W)	239Wp	243Wp	247Wp	251Wp
Open Circuit Voltage (Voc) (V)	37.99V	38.44V	38.88V	39.32V
Short Circuit Current (Isc) (A)	8.17A	8.21A	8.25A	8.29A
Maximum Power Voltage (Vmp)(V)	31.25V	31.61V	31.96V	32.31V
Maximum Power Current (Imp) (A)	7.65A	7.69A	7.73A	7.77A

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)	41°C±3°C
Maximum System Voltage (V)	1500 (VDC)
Maximum Fuse Current Rating (A)	15/20A
Power Tolerance	0-5W

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