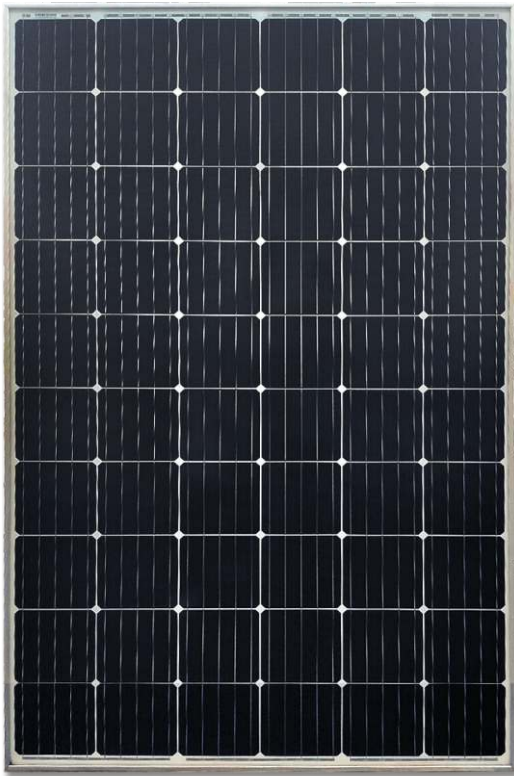




# M6K-30-SERIES-5BB





156.75M





- 

Average cell efficiency up to 21.3 %  
Excellent optical performance
- 

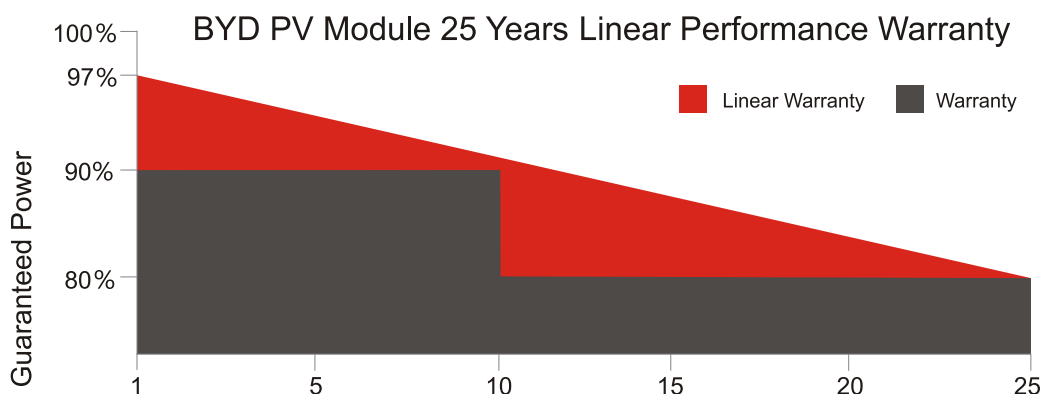
Positive tolerance 0~5W  
Reliability for output performance
- 

10 years for product  
25 years linear Warranty
- 

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

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
- 

IEC 61215(Edition 2005), IEC 61730  
ULC/ORD-C 1703-01, UL 1703-3rd Edition  
ISO9001:2008, ISO14001:2004



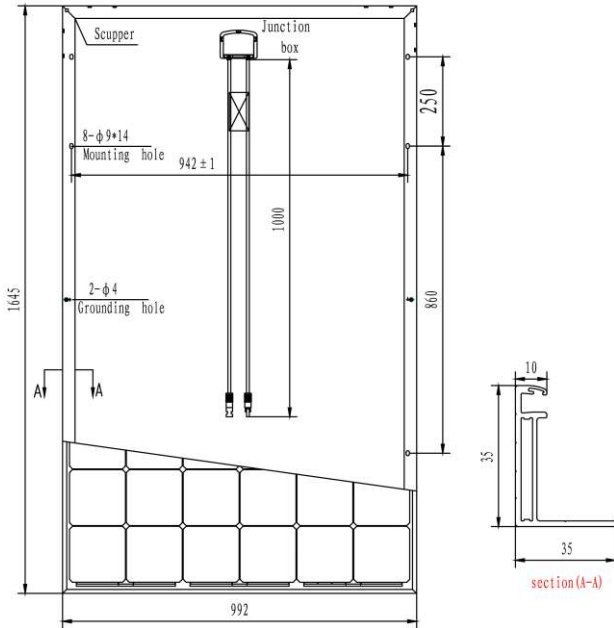
## ABOUT BYD

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.

# M6K-30-SERIES-5BB

285W-315W

156.75M



## MECHANICAL SPECIFICATIONS

Cell	Mono-crystalline 156.75×156.75mm / 6.17 inch
No. of Cells	60(6x10)pcs
Dimension of Module	1645mm×992mm×35mm/62.3inch×39inch×1.38inch
Weight	18.7 kg / 41.14lbs
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	2×1000 mm/2×39.4 inch

## TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45°C
Short-Circuit Current Temperature Coefficient	0.065%/°C
Open-Circuit Voltage Temperature Coefficient	-0.323%/°C
Peak Power Temperature Coefficient	-0.38%/°C

## PACKAGE INFORMATION

Package	40' HC
Pcs / Pallet	30
Pallet / Container	28
Pcs / Container	840

## ELECTRICAL SPECIFICATION

Module Type	285M6K-30	290M6K-30	295M6K-30	300M6K-30	305M6K-30	310M6K-30	315M6K-30
Open Circuit Voltage (Voc)	38.66 V	38.76 V	38.85 V	38.95 V	39.04 V	39.14 V	39.23 V
Maximum Operating Voltage (Vmp)	32.06 V	32.26 V	32.46 V	32.66 V	32.86 V	33.06 V	33.26 V
Short Circuit Current (Isc)	9.54 A	9.60 A	9.67 A	9.73 A	9.80 A	9.87 A	9.94 A
Maximum Operating Current (Imp)	8.92 A	9.01 A	9.10 A	9.20 A	9.29 A	9.39 A	9.48 A
Maximum Power in STC (Pmax)	285 Wp	290 Wp	295 Wp	300 Wp	305 Wp	310 Wp	315 Wp
Module Efficiency	17.40%	17.70%	18.00%	18.20%	18.50%	18.80%	19.00%
Operating Temperature	-40°C~85°C						
Max.Fuse Current Rating	15 A						
Maximum System Voltage	1500 VDC						
Power Tolerance	0~5 W						
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>



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