

# BYD P6-30 Series-2BB

215W 220W



**17.2**  
EFFICIENCY

- Average cell efficiency up to 17.2%
- Excellent optical performance

**+**  
TOLERANCE

- Positive tolerance 0~3%
- Reliability for output performance

**12**  
YEARS  
WARRANTY

- 12 years for product
- 25 year linear Warranty

**GRID**

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

**3rd**  
party test

- TUV Salt corrosion resistance test
- TUV Ammonia corrosion resistance test
- 5400Pa for Snow Load Test
- 2400Pa for Wind Load Test

**✓**

- IEC 61215, IEC 61730, UL1703,
- ISO9001:2008, ISO14001:2004



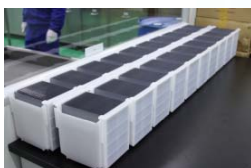
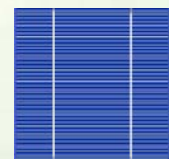
## About BYD

BYD (HK:1211), one of the world's largest PV manufacture, produces from wafer to module, committing to high quality sustainable products and continuous improvement. Integrating with Electrical Vehicles and Battery Energy Storage technology make BYD the world-leading solution provider from energy Generating to Consumption and Storage.

## New Technology

### NES

□ NES is a high technology and is widely used in BYD photovoltaic products, increasing the average cell efficiency up to 17.2%.



Wafer production



Cell production



Module production



Module

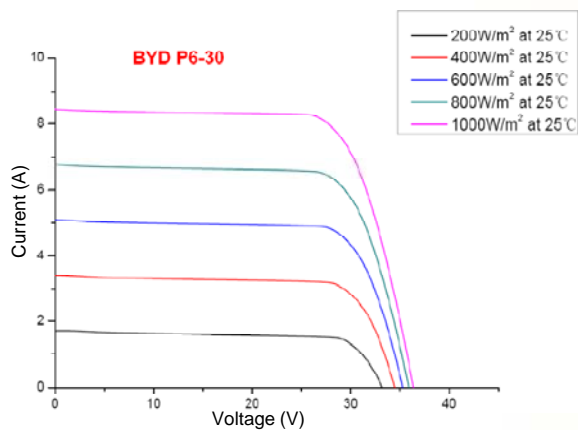
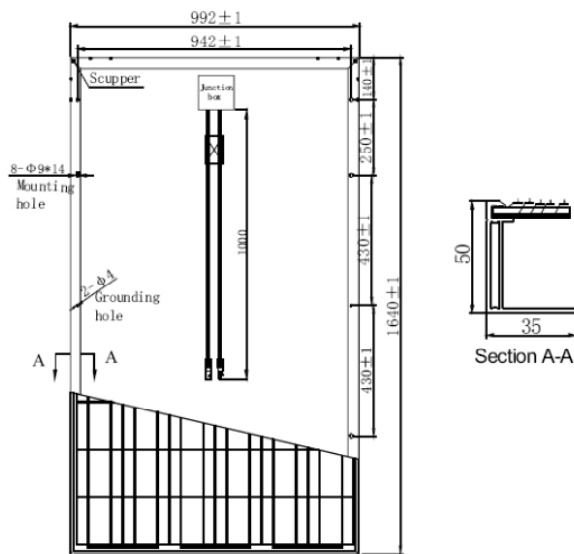


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**Build Your Dreams****Mechanical Specifications**

Cell	Polycrystalline Silicon solar cells
	156mm * 156 mm / 6 inch
No. of Cells	60 (6 *10) pcs
Dimension of Module	1640 mm * 992 mm * 50 mm / 64.6 inch * 39.1 inch *2.0 inch
Weight	19.6 kg / 43.21 lbs
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP65
Plug Connector	IP67
Bypass-Diodes	6 pcs. (IEC) / 3 pcs. (UL)
Max. Fuse Current Rating	15 A
Type of Connector	MC4,MC4 compatible, MC3 compatible, 0-1394462-4/6-1394461-2
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 ± 2 °C
Short-Circuit Current Temperature Coefficient	0.045%/ °C
Open-Circuit Voltage Temperature Coefficient	-0.34%/ °C
Peak Power Temperature Coefficient	-0.47%/ °C
Power Tolerance	0~ 3%

**Package Information**

Package	40' HQ
Pcs / Pallet	20
Pallet / Container	28
Pcs / Container	560

**BYD P6-30 Series Electrical Specification**

Item	Module	
	BYD 215P6-30	BYD 220P6-30
Open Circuit Voltage (Voc)	35.80 V	36.18 V
Maximum Operating Voltage (Vmp)	27.93 V	28.29 V
Short Circuit Current (Isc)	8.33 A	8.40A
Maximum Operating Current (Imp)	7.70A	7.80 A
Maximum Power in STC (Pmax)	215 Wp	220 Wp
Module Efficiency	13.22%	13.52%
Operating Temperature	-40 °C ~ 85 °C	
Maximum System Voltage	1000 VDC(IEC) / 600 VDC (UL)	

□ STC: IRRADIANCE 1000W/m<sup>2</sup>, Module Temperature 25°C, AM=1.5

