

BYD P6-30 Series



BYD, a fastest-growing green technology manufacturer, provides advanced PV products ranging from Wafer to PV Module. Based on its advanced technology, BYD Solar aims at Grid Parity, which can drive mass market-adoption of renewable energy.

Features

- High efficiency-BYD has achieved 17.4% efficiency
- Excellent optical performance
- Easy to be installed
- Strong frame module, passing mechanical load test of 5400Pa

Warranty

- 10 years for product
- 10 years on 90% for performance
- 25 years on 80% for performance

Recommended Applications

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

Certificates

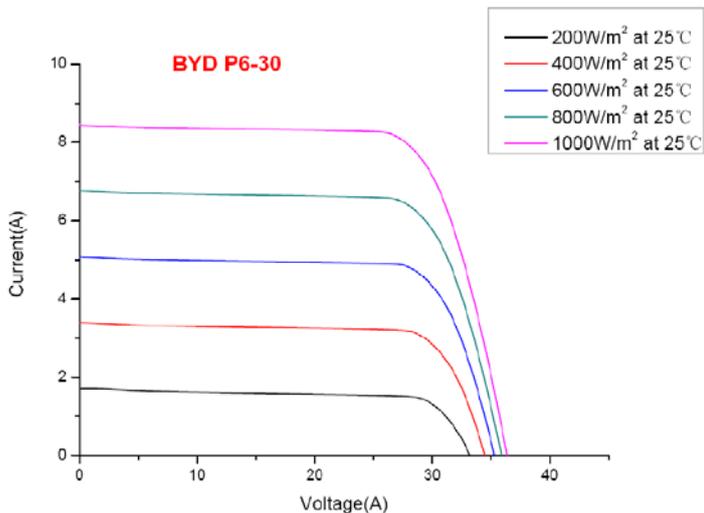
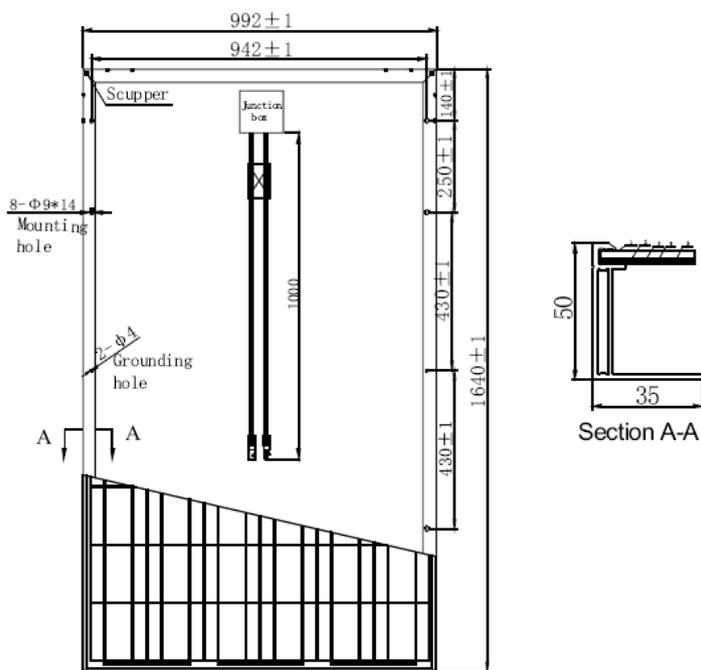
UL1703, CE, TÜV, IEC 61215, IEC 61730, PV Cycle, MCS and CEC.
ISO9001:2008, ISO14001:2004

Model	BYD 220P6-30	BYD 225P6-30	BYD 230P6-30	BYD 235P6-30	BYD 240P6-30	BYD 245P6-30	BYD 250P6-30
Open Circuit Voltage (Voc)	36.18 V	36.36 V	36.75 V	37.07 V	37.54 V	37.80 V	38.00 V
Maximum Operating Voltage (Vmp)	28.29 V	28.49 V	28.67 V	29.06 V	29.55 V	30.06 V	30.40 V
Short Circuit Current (Isc)	8.40 A	8.44 A	8.50 A	8.69 A	8.90 A	8.94 A	8.98 A
Maximum Operating Current (Imp)	7.80 A	7.91 A	8.02 A	8.09 A	8.12 A	8.15 A	8.22 A
Maximum Power in STC (Pmax)	220 Wp	225 Wp	230 Wp	235 Wp	240 Wp	245 Wp	250 Wp
Module Efficiency	13.52%	13.83%	14.14%	14.44%	14.75%	15.06%	15.37%
Operating Temperature	-40 °C ~ + 85 °C						
Maximum System Voltage	1000 VDC(IEC) / 600 VDC (UL)						

■ STC: IRRADIANCE 1000W/m², Module Temperature 25°C, AM=1.5



BYD COMPANY LIMITED



Temperature Coefficients	
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%

NOCT: Nominal Operating Cell Temperature. The above data is only for reference.

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 (0.13 inch) tempered glass
Frame	Anodized aluminum alloy
Junction Box Protection Degree	IP65 rated
Plug connector protection degree	IP65 / IP67(MC 4)
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

Output Cables	
Cable Section Area	4 mm ² / 0.0062 Sq in
Cable Length	2 * 1000 mm / 2 * 39.4 inch

Package Information	
Package	40' HC
Pcs/pallet	20
Pallet/container	28
Pcs/container	560