

# BYD 220P6-30 Series



BYD has developed a line of PV cells with increased energy efficiency without increasing cell manufacturing costs. If you have special requirements, we can design accordingly.

## Features

- High efficiency
- Excellent optical performance
- Steady output voltage in direct current
- Easy to be installed

## Warranty

- 5 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

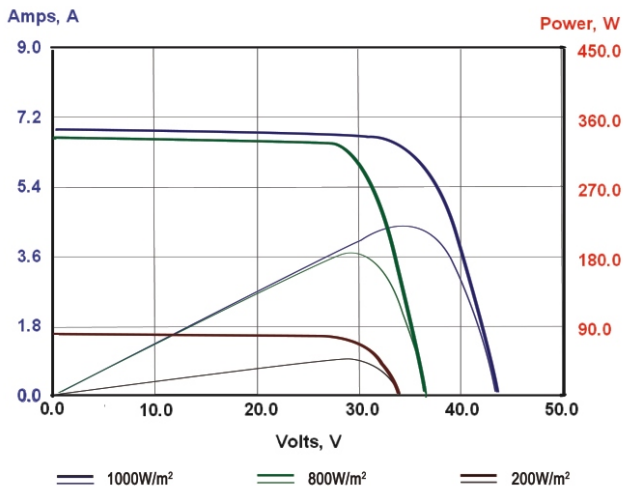
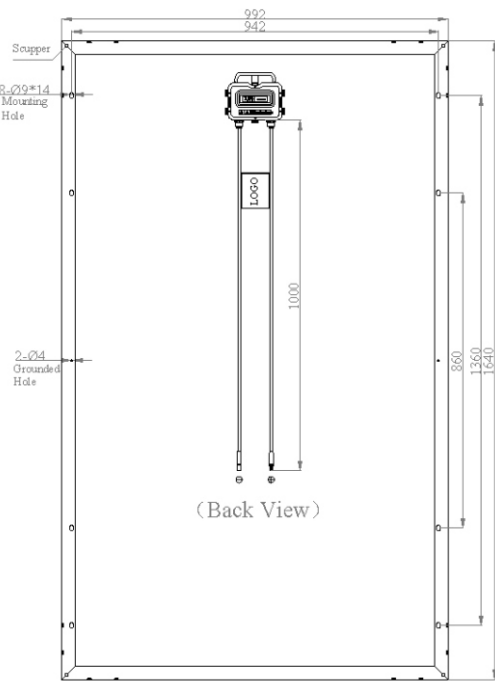
Model	BYD 215P6-30	BYD 220P6-30	BYD 225P6-30	BYD 230P6-30	BYD 235P6-30	BYD 240P6-30
Open Circuit Voltage (Voc)	36.12 V	36.23 V	36.40 V	36.83 V	36.93 V	37.31 V
Optimum Operating Voltage (Vmp)	28.35 V	28.46 V	28.67 V	29.00 V	29.32 V	29.64 V
Short Circuit Current (Isc)	8.20 A	8.36 A	8.45 A	8.52 A	8.59 A	8.79 A
Optimum Operating Current (Imp)	7.58 A	7.74 A	7.87 A	7.93 A	8.02 A	8.12 A
Maximum Power at STC (Pmax)	215 Wp	220 Wp	225 Wp	230 Wp	235 Wp	240 Wp
Operating Temperature	-40°C ~ +85°C					
Maximum System Voltage	1000V DC					

■ STC: IRRADIANCE 1000w/m<sup>2</sup> , Module temperature 25°C, AM=1.5



BYD COMPANY LIMITED

BYD Europe B.V.



#### 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	± 3%

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

#### Specifications

Cell	Polycrystalline silicon solar cells 156 mm × 156 mm
No. Of Cells	60 (6 × 10)
Dimension of Module	1640 mm × 992 mm × 50 mm
Weight	20.5 Kg
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65 rated

#### Output Cable

Cable Section Area	4 mm <sup>2</sup>
Cable Length	2* 1000 mm

#### Package Information

Package	20'GP	40'HC
pcs / pallet	20	20
pallet / container	12	28
pcs / container	240	560