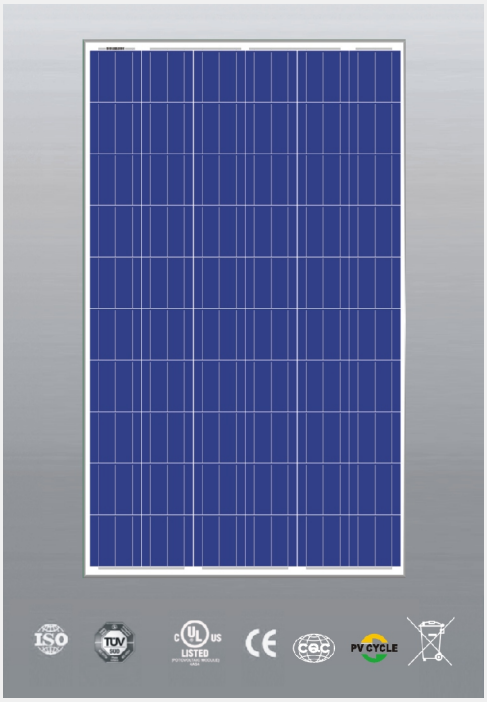
西安黄河光伏科技股份有限公司
Xi'an Huanghe Photovoltaic
Technology Co., Ltd.

HH250(30)P 240,245,250,255,260,265

Polycrystalline solar modules

Features

- Consisting of premium cells;
- Improvement of light penetration and the module mechanical strength due to high transmittance glass; Increase of light absorption and self-cleaning in the rain environments to reduce the power loss using antireflection glass;
- Optimized arrangement of waterproof junction box and integrated bypass diodes guarantees full heat diffusion of the module and thus to decrease the number of hot spots;
- Passing the test of IEC 61215 and UL 1703,our modules can work in the severest and high-load environment;
- 10-year quality warranty and 25-year power guarantee;
- Excellent performance of low-light power generation;
- Good weather resistance (anti-corrosion, anti-moisture,UV, hail)



Quality and Safety

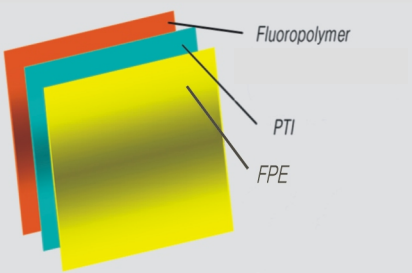
- Consistent with the certification and testing standards;
- 0—+5W power guarantee;
- 100% full inspection of EL test to exclude the products defects;
- Improvement of system power generation through optimized current sub-file of modules;
- Excellent resistance performance of PID;
- Mechanical load capacity up to 5400Pa;

Certification

- Conforms with IEC 61215，IEC 61730，UL 1703 PV standards;
- ISO 9001：2008, ISO 14001：2004, OHSAS18001-2007 certified;
- Passed with ISO,TUV, CEC listed, UL，CE，CQC，PV-cycle;

Advanced diffusion technology guarantees uniformity of the conversion rate in cell.

Special design on drainage holes and rigid construction prevents frame from defroming or breaking due to freezing weather and other forces.



The improved gloss of the Tedlar surface effects a especially reflection to the solar radiation to increase conversion efficiency and resist weather and moisture.

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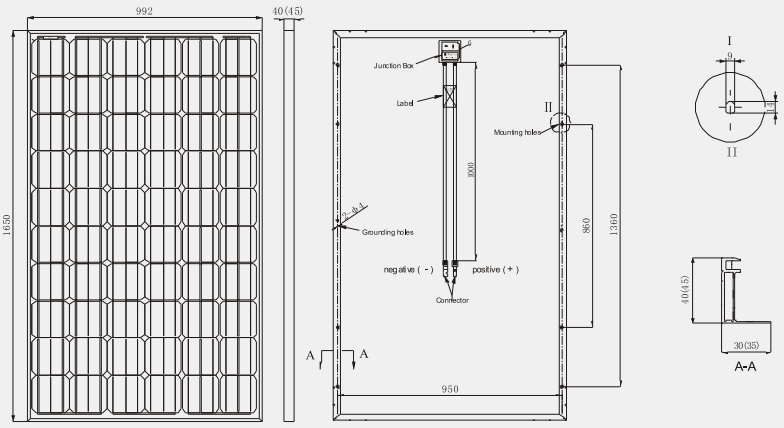
组件外形尺寸
Component Dimensions



Components Mechanical properties 组件机械特性

电池片 Cell (mm)：156 × 156
尺寸 Dimension (mm)：1650 × 992 × 40/45
电池数量 No. of Cells：60 (6 × 10)
重量 Weight (kg)：19.5
玻璃 Front Glass：3.2mm tempered glass
框架 Frame：Anodized aluminium alloy
接线盒 Junction Box：IP65 rated

Temperature Coefficients温度系数

标准电池工作温度
Nominal Operating cell Temperature(NOCT) 46±2℃
最大功率温度系数
Temperature Coefficient of Pmax −0.43%/°C
开路电压温度系数
Temperature Coefficient of Voc −0.33%/°C
短路电流温度系数
Temperature Coefficient of Isc +0.04%/°C

Polycrystalline solar modules
多晶硅太阳能电池组件

HH250（30）P Module Series

Model 型号	Open Circuit Voltage Voc 开路电压(V)	Short Circuit Current Isc 短路电流(A)	Optimum Operating Voltage Vmp 工作电压 (V)	Optimum Operating Current Imp 工作电流 (A)	Rated Maximum Power at STC, Pmax最大功率(W)	Maximum Series Fuse Rating 最大保险丝电流 (A)	Power Tolerance 功率偏差
HH240(30)P	37.20	8.75	29.68	8.17	240	15	+5W
HH245(30)P	37.40	8.81	29.85	8.28	245	15	+5W
HH250(30)P	37.60	8.91	30.04	8.38	250	15	+5W
HH255(30)P	37.70	9.01	30.10	8.47	255	15	+5W
HH260(30)P	37.80	9.09	30.40	8.55	260	15	+5W
HH265(30)P	38.00	9.11	30.80	8.61	265	15	+5W

· All information presented in this document is subject to change without prior notice.
· Customerized full black module available.

产品特性曲线 Characteristics Curve