

W-HH235(30)M 215,220,225,230,235,240,245,250,255,260

Monocrystalline solar modules

Features

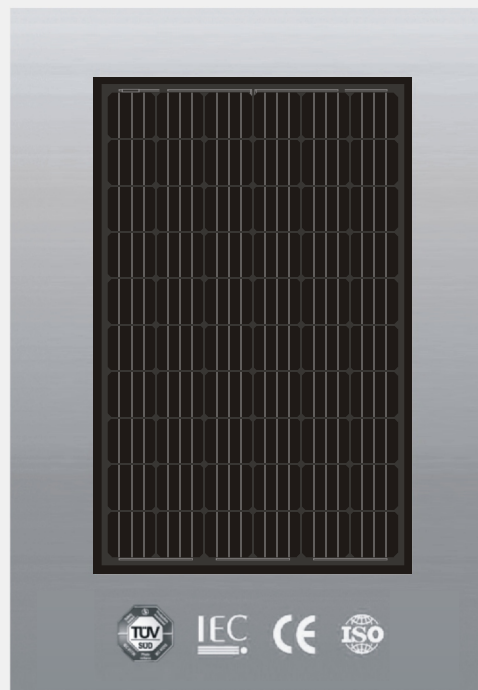
- Consisting of premium cells
- Optimized arrangement of the cell guarantees full heat diffusion of the module and thus to decrease the number of hot spots. Using high-quality EVA, fluoropolymer materials and other raw materials to improve the module performance.
- Passing the mechanical load test of IEC5400Pa, our modules can work in the severe and high-load environment.
- Our modules have low nominal operating cell temperature (NOCT) and remarkable low-light property.

Quality and Safety

- Strict quality monitoring process; 100% current and voltage
- Tests guarantee that the modules meet the power requirement.
- Our modules have passed several international certificates and tests (IEC, TUV, CE, ISO)
- We provide 10-year quality warranty and 25-year power guarantee.

Recommend Applications

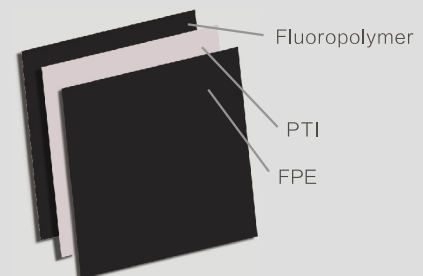
- On-grid utility systems
- On-grid commercial systems
- Off-grid PV systems
- Residential roof top systems



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

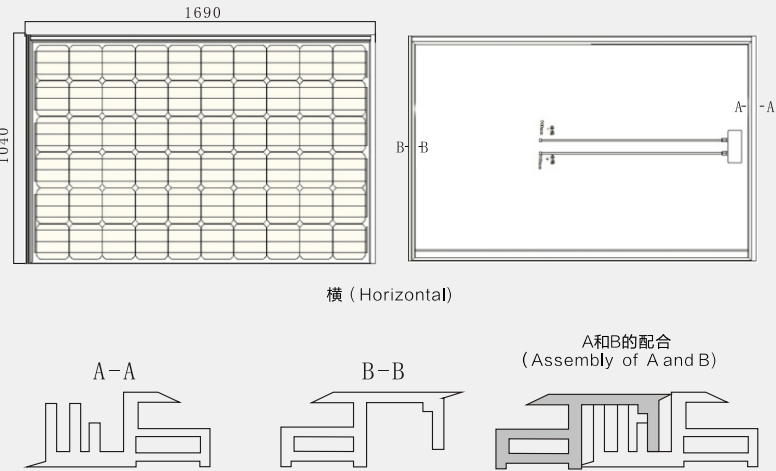


Special frame design. Easy installation, waterproof and great-looking



The application of fluorine materials effects a especially reflection to the solar radiation to increase conversion efficiency and weather resistance. The backsheet is black.

组件外形尺寸
Component Dimensions



Components Mechanical
properties 组件机械特性

电池片 Cell (mm) : 156X156
电池数量 No. of Cells : 60(6x10)
重量 Weight (kg) : 20.6
玻璃 Front Glass : 3.2mm tempered glass
框架 Frame : p.powder coating aluminium alloy
接线盒 Junction Box : IP65

Temperature Coefficients 温度系数

标准电池工作温度
Nominal Operating Cell Temperature (NOCT) $47 \pm 2/^{\circ}\text{C}$
最大功率温度系数
Temperature coefficient of P_{max} $-0.45\%/^{\circ}\text{C}$
开路电压温度系数
Temperature coefficient of V_{oc} $-0.34\%/^{\circ}\text{C}$
短路电流温度系数
Temperature coefficient of I_{sc} $+0.035\%/^{\circ}\text{C}$

Monocrystalline solar modules
单晶硅太阳能电池组件

W-HH235 (30) M Module Series

Model 型号	Open Circuit Voltage V_{oc} 开路电压 (V)	Short Circuit Current I_{sc} 短路电流 (A)	Optimum Operating Voltage V_{mp} 工作电压 (V)	Optimum Operating Current I_{mp} 工作电流 (A)	Rated Maximum Power at STC, P_{max} 最大功率 (W)	Maximum Series Fuse Rating 最大保险丝电流 (A)	Power Tolerance 功率偏差
W-HH215(30)M	36.2	7.95	29.2	7.36	215	15	+3 %
W-HH220(30)M	36.2	8.11	29.2	7.50	220	15	+3 %
W-HH225(30)M	36.8	8.18	29.7	7.58	225	15	+3 %
W-HH230(30)M	36.8	8.30	29.7	7.69	230	15	+3 %
W-HH235(30)M	37.4	8.40	30.2	7.78	235	15	+3 %
W-HH240(30)M	37.4	8.58	30.2	8.08	240	15	+3 %
W-HH245(30)M	37.4	8.76	30.2	8.11	245	15	+3 %
W-HH250(30)M	38.1	8.80	30.7	8.15	250	15	+3 %
W-HH255(30)M	38.1	8.97	30.7	8.31	255	15	+3 %
W-HH260(30)M	38.1	9.14	30.7	8.47	260	15	+3 %

产品特性曲线 Characteristics Curve

