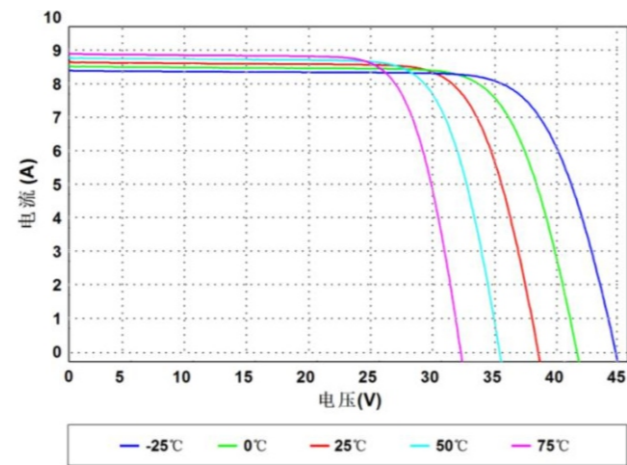
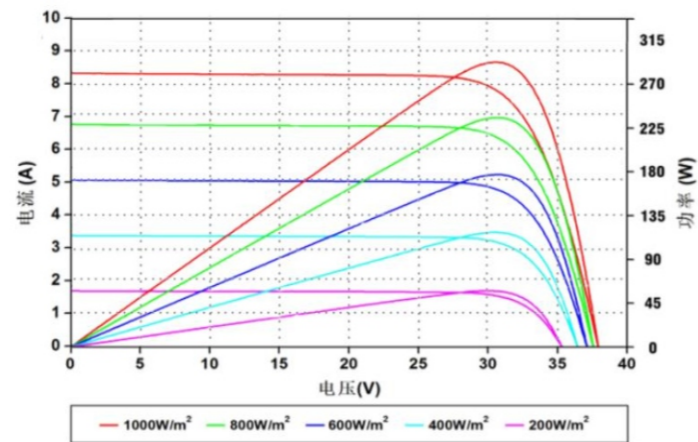
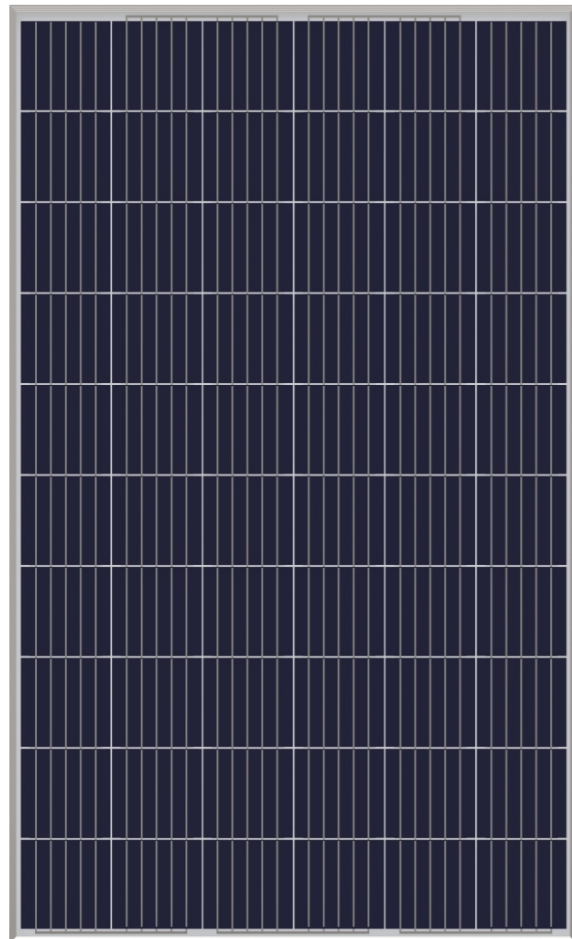


多晶太阳能电池组件--60片串

Poly Crystalline Solar Module --6inch*60



IEC61215:2016 IEC61730-2:2016 KSC8561:2016 IEC/TS62804-1:2015 IEC/TS62941:2016 CQC33-471541-2017



Electrical characteristics at Standard Test Conditions (STC) 性能参数

Model 型号	SA270-60P	SA275-60P	SA280-60P	SA285-60P	SA290-60P
Max Power - Pmpp (W) 最大功率 (W)	270	275	280	285	290
Positive power tolerance (%) 公差 (%)	0-5W	0-5W	0-5W	0-5W	0-5W
Open Circuit Voltage - Voc (V) 开路电压 (V)	38.72	38.91	39.15	39.34	39.52
Short Circuit Current - Isc (A) 短路电流 (A)	9.41	9.53	9.55	9.60	9.72
Max Power Voltage-Vmpp (V) 最大工作电压 (V)	31.43	31.76	32.23	32.69	33.08
Max Power Current - Imp (A) 最大工作电流 (A)	8.59	8.66	8.69	8.72	8.77
Module Efficiency 组件转化效率	16.60	16.90	17.21	17.52	17.83

Electrical data relates to standard test conditions (STC) : irradiance 1000 W/m²; AM 1.5; cell temperature 25°C measuring uncertainty of power is within 0-5W. Certified in accordance with IEC61215, IEC61730-1/2

标称电池工作温度(NOCT)下的电性能参数 Electrical Characteristics at Nominal Operating Cell Temperature

Model 型号	SA270-60P	SA275-60P	SA280-60P	SA285-60P	SA290-60P
Max Power-Pmpp 最大功率 (W)	198	202	205	209	213
Open Circuit Voltage-Voc (V) 开路电压 (V)	35.32	35.49	35.71	35.89	36.05
Short Circuit Current-Isc(A) 短路电流 (A)	7.65	7.75	7.76	7.80	7.90
Max Power Voltage-Vmpp(V) 最大工作电压 (V)	28.49	28.79	29.22	29.64	30.00
Max Power Current-Imp(A) 最大工作电流 (A)	6.95	7.01	7.03	7.06	7.10

Nominal Operating Cell Temperature (NOCT) : Irradiance 800W/m², environment temperature 20°C, wind speed 1 m/s

Temperature Characteristics 温度系数

Voltage Temperature Coefficient 电压温度系数	-0.36%/K
Current Temperature Coefficient 电流温度系数	+0.06%/K
Power Temperature Coefficient 功率温度系数	-0.36%/K

Maximum Ratings 最大额定值

Maximum system voltage (V) 最大系统电压	1000V/1500V
Series fuse rating (A) 保险丝最大熔断值	13A/15A
Reverse current overload (A) 反向电流过载	25A

Mechanical Characteristics 机械性能参数

Dimensions 外形尺寸	1640×992×35mm (Length/长*Width/宽*Depth/高)
Weight 重量	18.5kg
Frame 边框	Anodized aluminum profile 铝合金型材
Front glass 玻璃	White toughened safety glass, 3.2 mm 低铁超白钢化玻璃
Cell Encapsulation 电池片封装	EVA (Ethylene-Vinyl-Acetate) EVA胶膜
Back Sheet 背板	Composite film □□□□
Cells 电池片	6*10 pieces Poly solar cells series strings(6INCH/5BB)
Junction Box 接线盒	Rated current额定电流 ≥ 13A/15A, IP ≥ 67, TUV
Cable 线	Length 900 mm, 1 × 4 mm ²
Connector 连接器	MC 4/ compatible with MC 4

Packaging 包装信息

Container 20' /20尺柜	360PCS
Container 40' /40尺柜	840PCS
Container 40'HQ /40尺高柜	952PCS

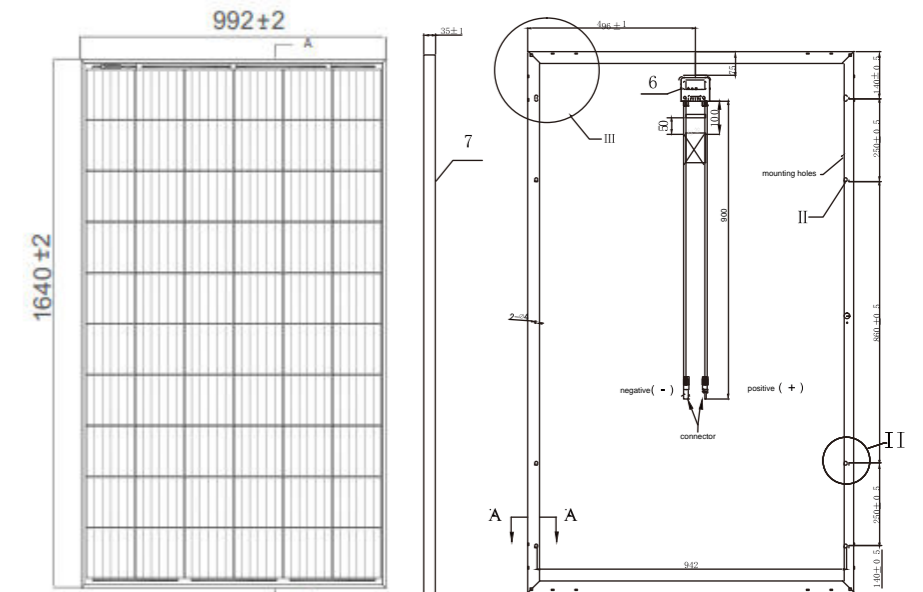
System Design 系统设计

Temp. range 组件温度工作范围	-40°C to + 85°C
Hail 通过冰雹测试	max. diameter of 25mm with 23m/s impact speed
Max. capacity 载荷能力	Snow 5400Pa, Wind 2400Pa
Application class 应用等级	A
Safety class 安全等级	II

Dimensions 尺寸

Note: Module layout below only valid for modules with 35mm thickness. All dimensions in mm.

- Cell efficiency > 19.8%
电池片转化率 > 19.8%
- EL Double Inspection
2次EL测试
- 12 years Material & workmanship warranty
12年的材料与工艺保修
- Good temperature coefficient enables higher output in high temperature regions
低辐射度高性能保证
- 25 years Linear power output warranty
25年的线性质保
- Certified to bear 2,400Pa wind load and 5,400Pa snow load
5400帕雪压载荷, 2400帕风压载荷



注：边框颜色、背板颜色及线缆长度可定制

Note: We accept customized solar modules, such as frame, backsheet colors, length of cables

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