

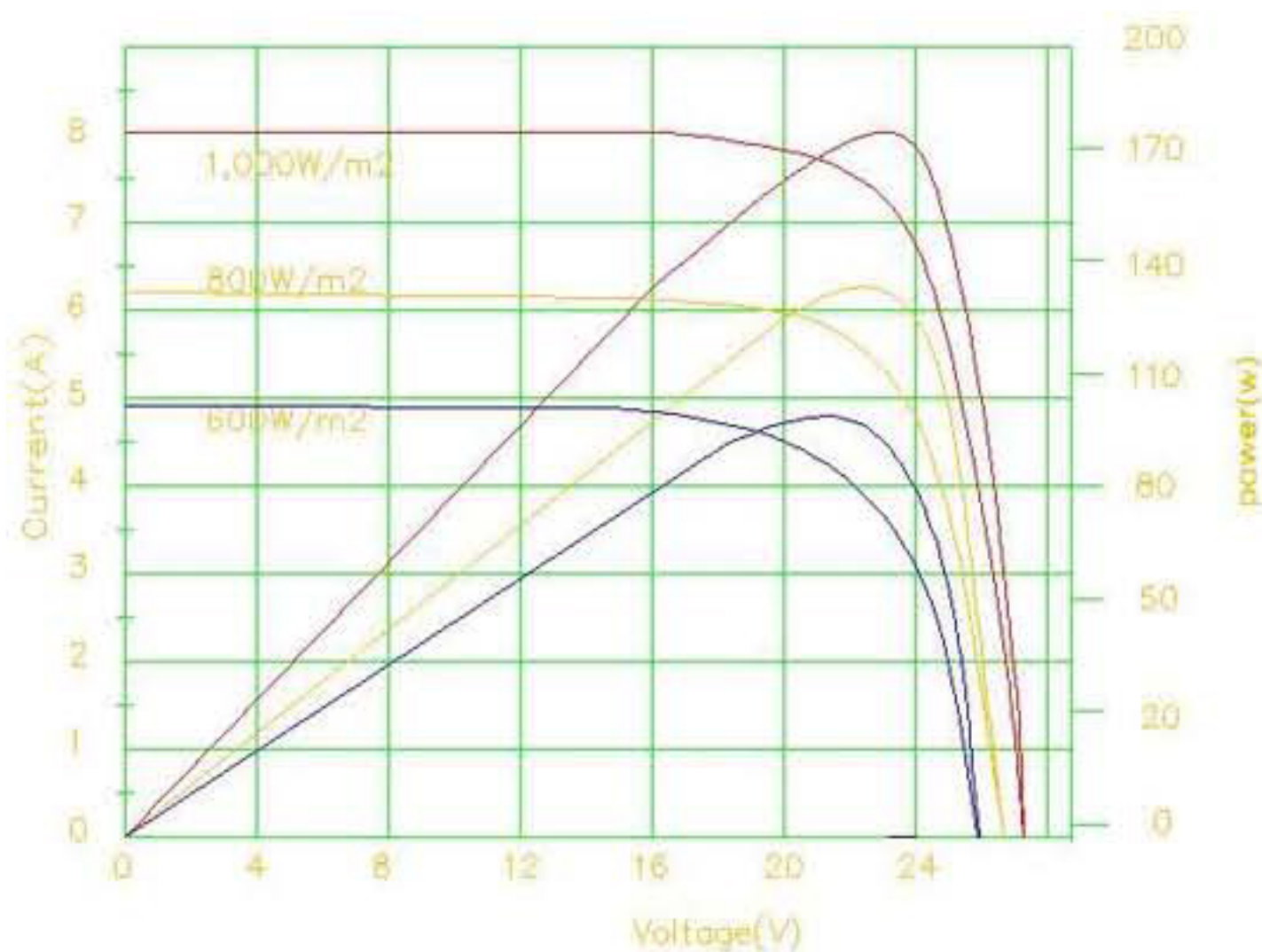
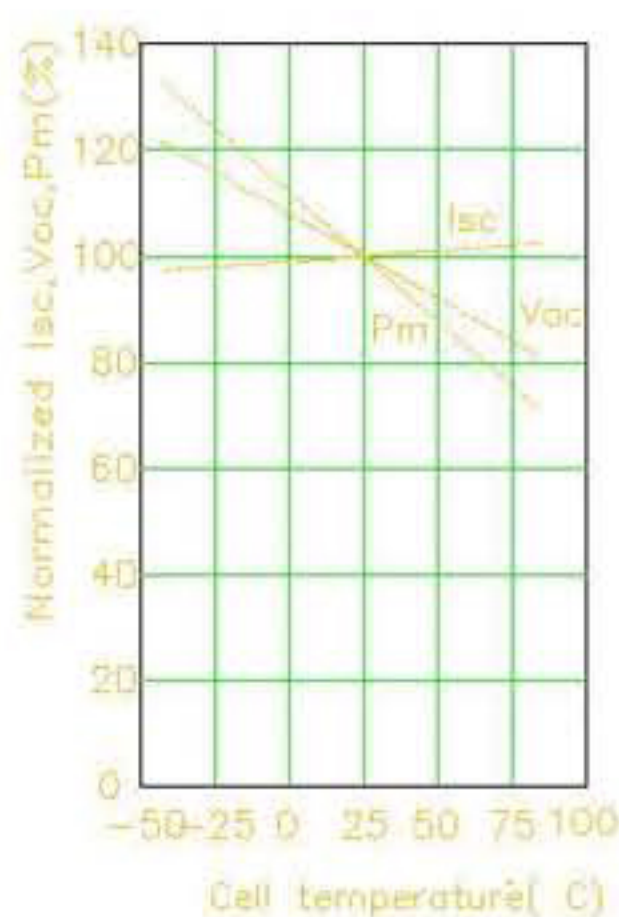
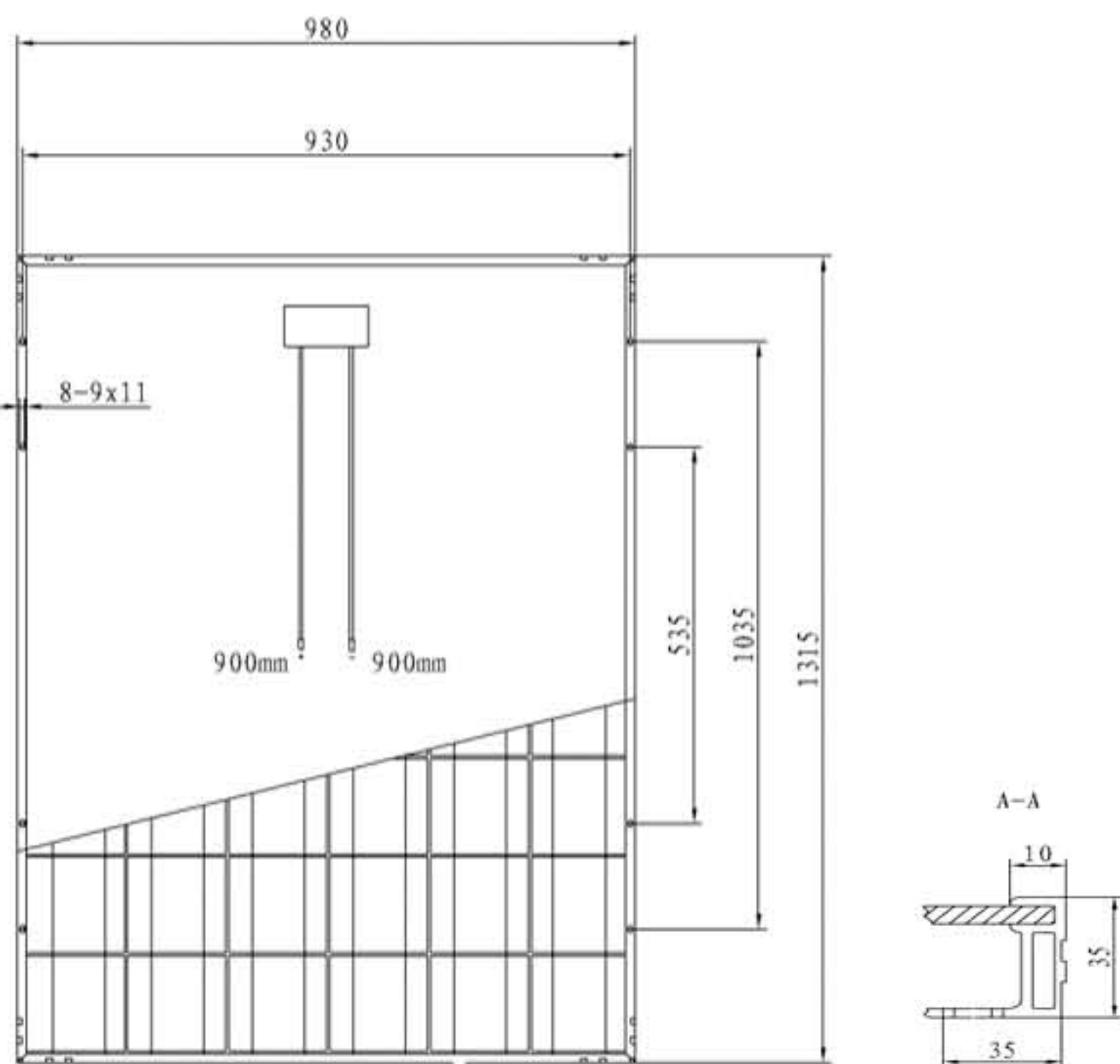
180瓦

多晶硅太阳能组件

特性

- $\pm 3\%$ 的功率公差。
- 严格质量监测工序，提供详细的电流和电压等测试结果。
- 组件玻璃具有自清洁能力，降低由于灰尘影响其发电效率的机率。
- 较低的标准电池工作温度，和卓越的弱光性能。
- 所有组件都通过机械载荷测试，能抵挡恶劣、高载荷的工作环境。
- 可提供2W至300W输出功率范围的多规格、高质量组件，适合并网和离网应用。
- 通过多项国际认证和测试。
- 提供25年输出功率保证期，和5年产品质量保证。





Electrical Characteristics

Type	SA170-48	SA175-48	SA180-48	SA185-48
Maximum power (Wp)	170wp	175wp	180wp	185wp
Maximum power voltage (V)	24.00	24.00	24.00	24.00
Maximum power current (A)	7.08	7.29	7.50	7.70
Open circuit voltage (V)	28.80	28.80	28.80	28.80
Short circuit current (A)	7.64	7.87	8.00	8.32
Cell Efficiency (%)	14.50%	15.00%	15.50%	16.00%
FF (%)	≥74%			
Maximum system voltage (V)	1000V			
Temperature Range	-40°C to +85°C			
Power tolerance (%)	±3%			
Standard Test Conditions	1000W/m ² , AM1.5 , 25°C			

Mechanical Characteristics

Solar cell	Poly	Poly	Poly	Poly
Number of cells (Pcs)	48(6*8)			
Size of module (mm)	1315*980*35			
Weight per piece (kg)	15.5			
Front Glass	3.2 mm tempered glass			
Surface Maximum Load Capacity	60m/s(200kg/sq.m)			
Allowable Hail Load	steel ball fall down from 1m height			
Frame	Anodized aluminium alloy			
Junction Box Type	IP65 rated			
Connectors	MC Plug Type IV connectors			
Cables	4.0mm ² , 900mm			

Temperature coefficients

Nominal Operating Cell Temperature	45±2°C
Temperature coefficients of V_{oc} (%)	β -2.2mV/°C
Temperature coefficients of P_m (%)	γ -0.55%/°C
Temperature coefficients of I_m (%)	α 0.03%/°C
Temperature coefficients of V_m (%)	β -2.2mV/°C