

多主栅单晶156半片双面双玻组件
MBB Monocrystalline Bifacial Double-glass Module
(156 Half Cells)

570-590W

输出功率 / Output power

21.1%

最高效率 / Maximum efficiency

0~+5W

功率公差 / Power tolerance

全面的产品和体系证书
Comprehensive product certification and
system certification

IIEC 61215 IEC 61730

IEC TS 62941(光伏质量体系/
PV quality Management System)

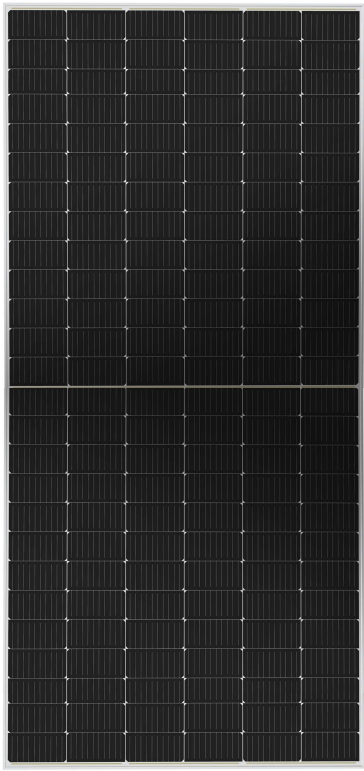
ISO9001:2015(质量管理体系/
Quality Management System)

ISO14001(环境管理体系/
Environmental Management System)

OHSAS18001(职业健康安全管理体系/
Occupational Health and Safety Management
System)



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中国制造



1 高收益 / High Returns

背面提供额外发电，提升投资收益。

Provide additional power generation on the rear to increase return on investment.

2 高寿命 / Long Life

30年线性质保，更低的年度衰减率，提升投资收益。

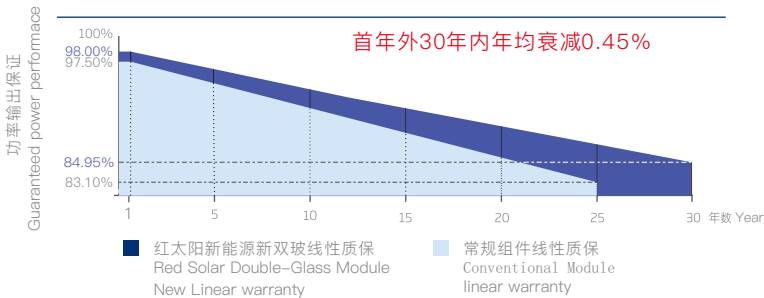
30-year linear warranty, lower power attenuation rate, increased return on investment.

3 自清洁 / Self Cleaning

优异、可靠的玻璃镀膜技术，保证恶劣环境下稳定的功率输出。

Excellent and reliable glass coating technology to ensure stable power output in severe environment.

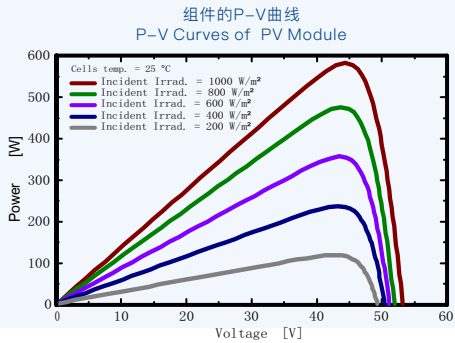
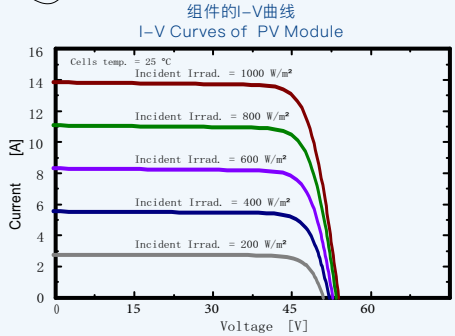
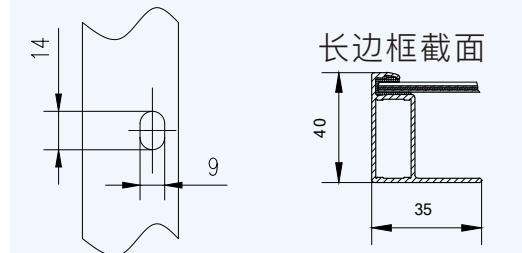
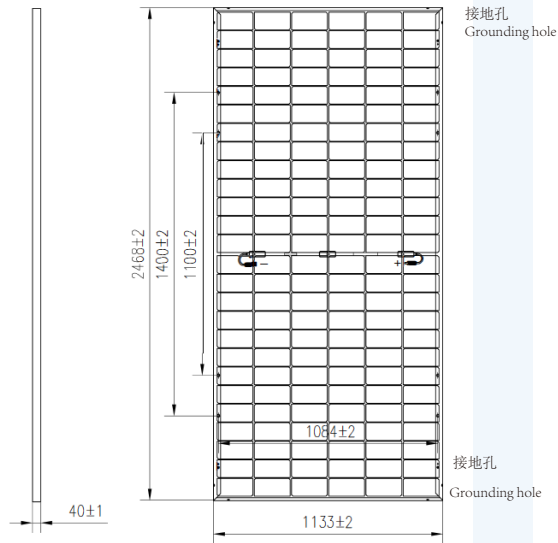
1 2 年 产 品 质 保 · 3 0 年 线 性 功 率 保 证
12 Year Product Warranty · 30 Year Linear Power Warranty



组件型号
Model of PV Module
CETC-xxxM(GDF)/156

功率范围
Power Range
570-590W

组件尺寸 (mm)
PV Module Dimension



正面电气参数 (STC) / Front Electrical Parameter(STC)					
型号/Model	570M	575M	580M	585M	590M
最大功率/Maximum power	570	575	580	585	590
工作点电压/Working point voltage	44.46	44.80	44.96	45.12	45.28
工作点电流/Working point current	12.82	12.84	12.90	12.97	13.03
开路电压/Open circuit voltage	53.15	53.30	53.46	53.63	53.79
短路电流/Short circuit current	13.65	13.72	13.78	13.85	13.92
组件效率/PV module efficiency	20.53%	20.6%	20.8%	20.9%	21.1%
标准测试条件/Standard test conditions	大气质量AM1.5, 辐照度1000W/m², 电池温度25℃ Atmospheric quality Am1.5, Irradiance 1000w/m², Cell Temperature 25℃				

背面增益后功率输出 / RearSide Power gain					
5%	峰值输出功率 Maximum Power	596Wp	604Wp	609Wp	61Wp
	效率 Efficiency STC	21.4%	21.6%	21.8%	22.0%
15%	峰值输出功率 Maximum Power	656Wp	661Wp	667Wp	672Wp
	效率 Efficiency STC	23.4%	23.6%	23.9%	24.1%
25%	峰值输出功率 Maximum Power	713Wp	719Wp	725Wp	731Wp
	效率 Efficiency STC	25.5%	25.7%	25.9%	26.2%

在该产品目录中的电性能参数并不单指一块组件，也不是合约中承诺的内容，只做不同类型组件间比较用。
The Electrical performance parameters are neither just referred to one PV panel, nor are a part of the contract; They are only used as reference.

机械参数 / Mechanical Parameters	
组件尺寸 / Module size	2465*1133*40mm
电池片数量 / Number of solar cells	156片 (2*6*13)
重量 / Weight	35Kg ±5%
接线盒 / Junction Box	PV-ZPB040 (connector: PV-ZPJ030A) The 40th Institute of China ElectronicTechnology Group Corporation Z8-abcd (connectors: Z4S-abcd) Zerun Co.,Ltd PV-XT1609Nxyz (connectors: PV-XT101.1) Suzhou Xiong Photovoltaic Technologies Co., Ltd.
线缆 / Cables	4mm², 线长300mm (可定制/Customizable)
前板玻璃 / Front plate glass	镀膜超白钢化玻璃/Ultra white AR coated semi-toughened glass
背板玻璃/Rear plate glass	半钢化玻璃/semi-toughened glass
正面静态载荷 / Static load on the front	5400Pa
背面静态载荷 / Static load on the back	2400Pa
包装&运输 (Packaging&Transport)	
40尺集装箱运输 / 40'HQ container transport	27 Pcs/box × 16 box = 432Pcs

温度参数 / Temperature Parameter		极限参数 / Maximum Ratings	
NMOT	45±2℃	工作温度 Working temperature	-40~+85℃
最大功率(Pmax)温度系数 Temperature coefficient of maximum power(Pmax)	- 0.35%/℃	最大系统电压 Maximum system voltage	1500VDC
开路电压(Voc)温度系数 Temperature coefficient of open circuit voltage(Voc)	-0.28%/℃	最大保险丝额定电流 Maximum fuse rated current	30A
短路电流(Isc)温度系数 Temperature coefficient of short circuit voltage(Isc)	+0.048%/℃	防火等级 Fire safety class	C

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