

多主栅单晶156片高效半片组件

MBB Monocrystalline Half-cell Module (156 Half Cells)

575-595W

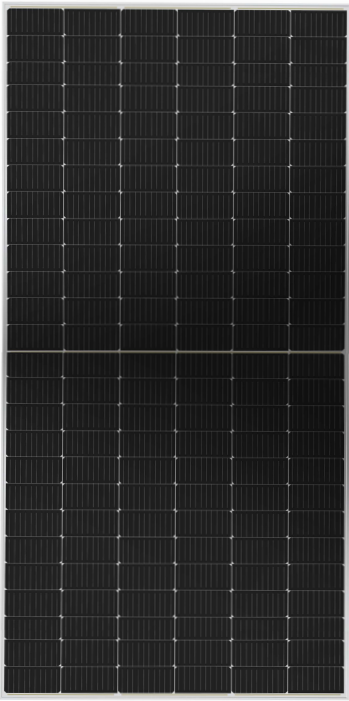
输出功率 / Output power

21.3%

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)



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

25年线性质保，更低的年度衰减率，提升投资收益。

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

3

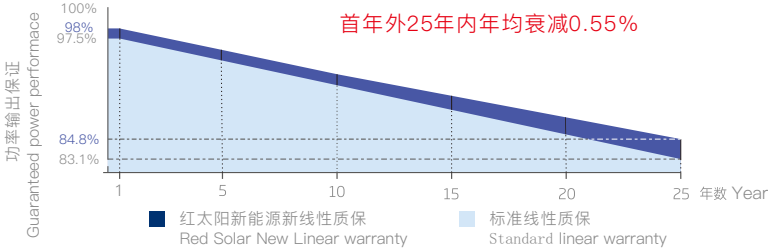
自清洁 / Self Cleaning

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 .

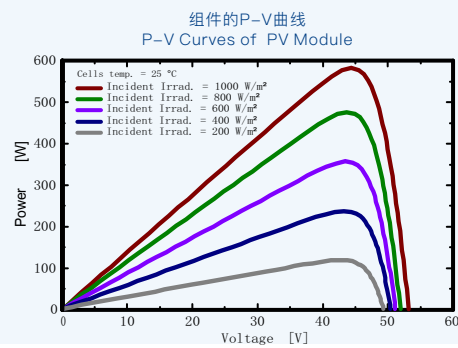
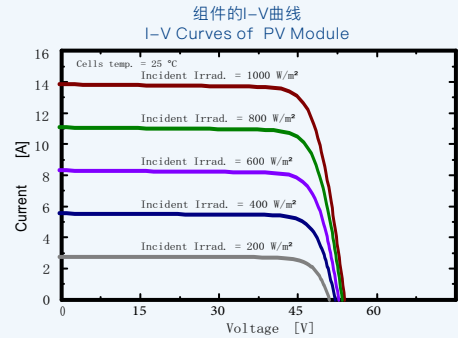
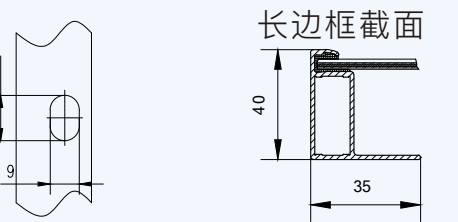
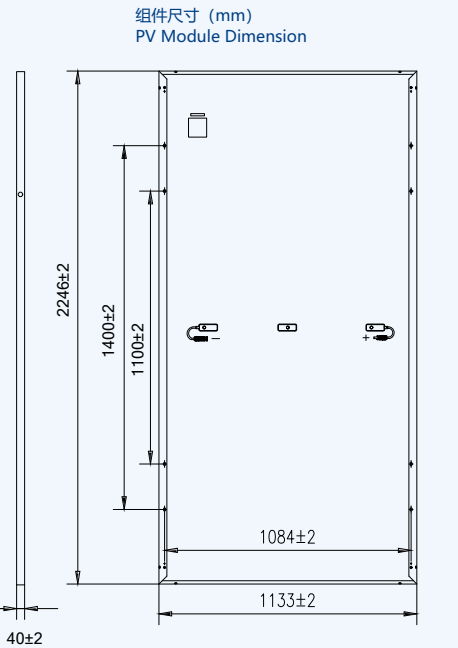
12年产品质保·25年线性功率保证

12 Year Product Warranty · 25 Year Linear Power Warranty



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

功率范围
Power Range
575-595W



电气参数 (STC) / Electrical Parameter(STC)					
型号/Model	575M	580M	585M	590M	595M
最大功率/Maximum power	575	580	585	590	595
工作点电压/Working point voltage	44.80	44.96	45.12	45.28	45.45
工作点电流/Working point current	12.84	12.90	12.97	13.03	13.09
开路电压/Open circuit voltage	53.30	53.46	53.63	53.79	53.95
短路电流/Short circuit current	13.72	13.78	13.85	13.92	13.98
组件效率/PV module efficiency	20.6%	20.8%	20.9%	21.1%	21.3%
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℃				

电气参数 (NMOT) / Electrical Parameters (NMOT)					
型号/Model	575M	580M	585M	590M	595M
最大功率/Maximum power	425	428	432	436	439
工作点电压/Working point voltage	40.47	40.49	40.67	40.86	40.95
工作点电流/Working point current	10.5	10.57	10.62	10.67	10.72
开路电压/Open circuit voltage	49.8	50.00	50.10	50.20	50.40
短路电流/Short circuit current	11.07	11.13	11.19	11.24	11.29
NMOT	辐照度800W/m², 环境温度20℃, 风速1m/s The irradiance is 800W/m, the ambient temperature is 20 degrees, and the wind speed is 1m/s				
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	144片 (2*6*13)
重量 / Weight	29Kg ±5%
接线盒 / Junction Box	PV-ZPB040 (connector: PV-ZPJ030A) The 40th Institute of China ElectronicTechnology Group Corporation Z8-abcd (connectors: Z4S-abcd) Zeran Co.,Ltd PV-XT1609Nxyz (connectors: PV-XT101.1) Suzhou Xtong Photovoltaic Technologies Co., Ltd.
线缆 / Cables	4mm², +300mm&-200mm (含接头, 可定制/Customizable)
前板玻璃 / Front plate glass	超白, 减反射膜钢化玻璃/Ultra white AR coated 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 = 432 Pcs	
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	25A
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