



POWERSTONE SOLAR

Tier1
BloombergNEF

N series

M10 TOPCon Bifacial

CETC-570-595T(GDF) /144



产品质量保证
Product warranty



线性功率保障
Linear power warranty



抗PID保证
PID Resistant Guarantee



多主栅技术
Multi Busbar Technology



高寿命
Better Performance



高收益
High Returns



570-595W

输出功率/Output power

23.0%

最高效率/Maximum efficiency

0~+5W

功率公差/Power tolerance

电气参数(STC) / Electrical Parameter(STC)

型号/Model	570T	575T	580T	585T	590T	595T
最大功率/Maximum power (W)	570	575	580	585	590	595
工作点电压/Working point voltage (V)	42.25	42.52	42.80	43.08	43.32	43.59
工作点电流/Working point current (A)	13.49	13.52	13.55	13.58	13.62	13.65
开路电压/Open circuit voltage (V)	50.95	51.10	51.25	51.35	51.45	51.55
短路电流/Short circuit current (A)	14.32	14.39	14.46	14.50	14.54	14.58
组件效率/PV module efficiency	22.07%	22.26%	22.45%	22.65%	22.83%	23.03%
标准测试条件/Standard test conditions	大气质量AM1.5, 辐照度1000W/m ² , 电池温度25℃ Atmospheric quality Am1.5, Irradiance 1000W/m ² , Cell Temperature 25℃					

背面增益后功率输出/Rear Side Power Gain

效率/Efficiency STC	570T	575T	580T	585T	590T	595T
5% 峰值输出功率/Maximum Power	598Wp	603Wp	609Wp	614Wp	620Wp	625Wp
5% 效率/Efficiency STC	23.19Wp	23.39%	23.59%	23.78%	23.98%	24.19%
15% 峰值输出功率/Maximum Power	656Wp	661Wp	667Wp	673Wp	679Wp	684Wp
15% 效率/Efficiency STC	25.40%	25.62%	25.84%	26.04%	26.27%	26.48%
25% 峰值输出功率/Maximum Power	713Wp	719Wp	725Wp	731Wp	738Wp	744Wp
25% 效率/Efficiency STC	27.61%	27.85%	28.09%	28.31%	28.55%	28.79%

在该产品目录中的电性能参数并不单独一块组件, 也不是合同中承诺的内容只针对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	2278*1134*30mm
电池片数量/Number of solar cells	144片(2*6*12)
重量/Weight	31Kg +5%
接线盒/Junction Box	IP68、兼容MC4
线缆/Cables	4mm ² , +: 300mm/-: 200(Customizable)
前板玻璃/Front plate glass	2.0mm, coated ultra-white semi-tempered glass
背板玻璃/Rear plate glass	2.0mm, Semi-tempered 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	36 Pcs/box x 20 box = 720 Pcs
17.5米车运输/17.5m truck transport	36 Pcs/box x 26 box = 936 Pcs
13米车运输/13m truck transport	36 Pcs/box x 22 box = 792 Pcs

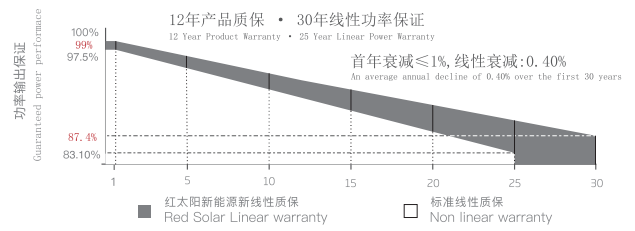
温度参数/Temperature Parameter

NOBT	42±2℃
最大功率(Pmax)温度系数 Temperature coefficient of maximum power(Pmax)	-0.29%/℃
开路电压(Voc)温度系数 Temperature coefficient of open circuit voltage(Voc)	-0.25%/℃
短路电流(Isc)温度系数 Temperature coefficient of short circuit voltage(Isc)	+0.045%/℃

极限参数/Limit Parameter

工作温度/Working temperature	-40~+85℃
最大系统电压/Maximum system voltage	1500VDC
最大保险丝额定电流/Maximum fuse rated current	25A

行业领先的性能服务保障/Excellent Power Guarantee



组件型号

Model of PV Module

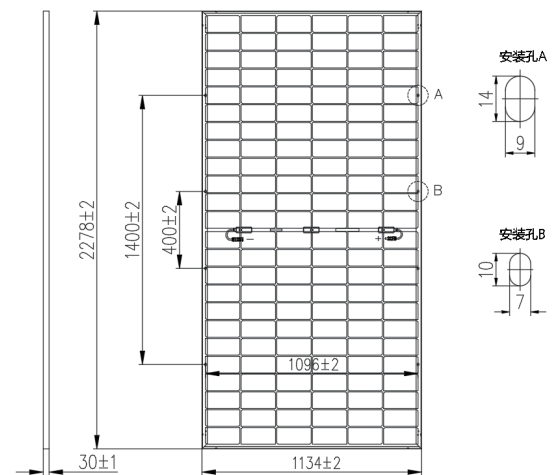
CETC-xxxT (GDF) /144

功率范围

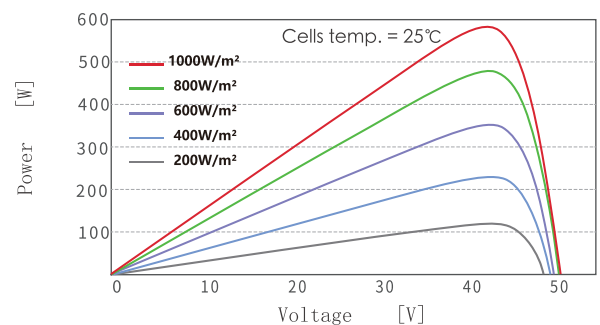
Power Range

570-595W

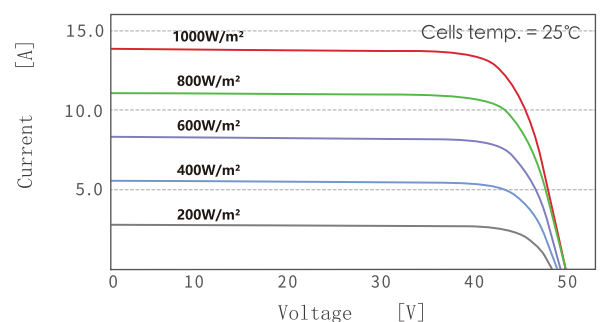
组件尺寸(mm)/PV module dimensions (mm)



组件的P-V曲线/P-V Curves of PV Module



组件的I-V曲线/I-V Curves of PV Module



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