

Taihang 太行

TOPCon单晶单玻组件
TOPCon Mono Single Glass Module

670-700W 132



产品特性

Product Features



高功率 High power

采用大尺寸 TOPCon 电池，叠加双玻双面半片多主栅技术，具有更高的发电量。Adopting large-sized TOPCon batteries and overlaying double glass double-sided half-piece multi main gate technology, it has higher power generation.



低隐裂风险 Low risk of cracking

采用多主栅技术，具有更强的抗隐裂能力和防断栅能力。

Adopting Multi-busbar technology, it has stronger ability to resist hidden cracks and prevent gate breakage.



低热斑风险 Low risk of hot spots

采用新一代电池技术及优化电路设计，获得更优的温度系数和抗热斑能力。

Adopting new generation cell technology and optimizing circuit design to achieve better temperature coefficient and thermal resistance.



高可靠 Reliability

通过 TUV 认证盐雾及氨气腐蚀测试，并且通过2400Pa的风载荷及 5400Pa的雪载荷认证，具有更强可靠性。

Through TUV certified salt spray and ammonia corrosion testing, and certified for wind load of 2400Pa and snow load of 5400Pa, it has stronger reliability.

产品体系及产品认证

Product System And Certification

- ISO 9001
- ISO 14001
- ISO 45001
- IEC 61215
- IEC 61730



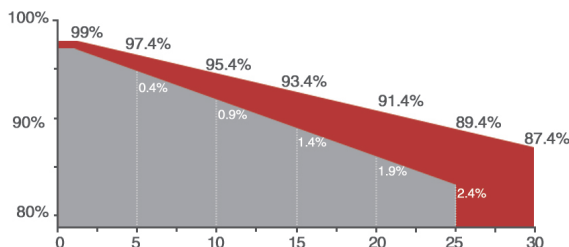
行业领先的质量标准

Leading Quality Standards

15^年
质量保证
Quality assurance

30^年
功率保证
Power guarantee

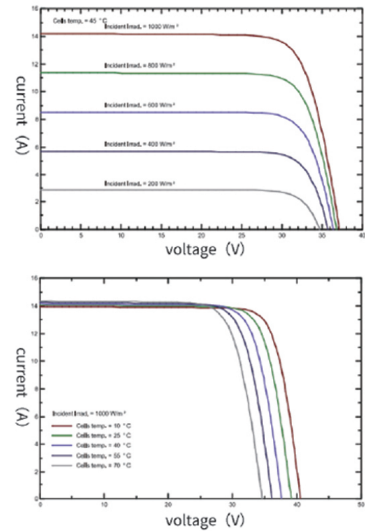
-0.40%
年衰减
Annual decay



机械参数 Mechanical Parameters

电池 cell	N型TOPCon (132) N-type TOPCon (132)
组件尺寸 Dimensions	2384±2mm×1303±2mm×33±1mm
组件重量 Weight	34.0kg±3%
玻璃 Glass	3.2mm 钢化镀膜玻璃, 低铁 3.2mm AR coating tempered glass, low iron
边框 Frame	阳极氧化铝合金 Anodized aluminium alloy
接线盒 Junctionbox	IP68, 3 个二极管 IP68,3 diodes
导线 Wireway	4mm ² , 350mm (+) / 350mm (-) 或客制化长度 or Customized Length
包装信息 Packaging	31块/托 31pieces/pallet
装车数量 Loadingquantity	40高柜: 527片, 13 米平板车: 558 片, 17.5 米平板车: 40 HC/: 527pieces, 13 meter truck: 558pieces, 17.5 meter truck: 744 片, 744pieces

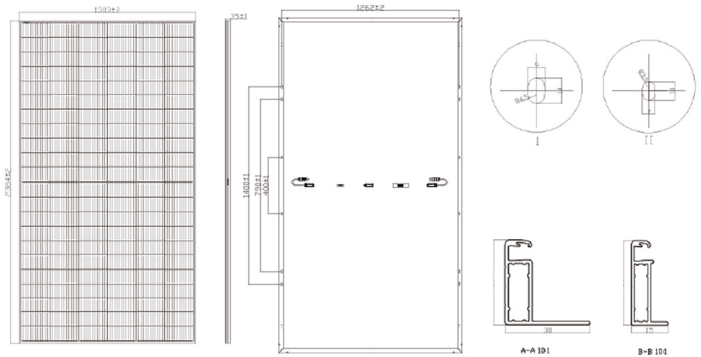
I-V曲线 I-V Curve



工作参数 Operation Parameters

最大系统电压 Maxsystem voltage	1500V DC
工作温度 -OT	-40°C~+85°C
最大额定熔丝电流 Fuse's rated current	35A
最大静态负载, 正面 *Maxload,front*	5400Pa
最大静态负载, 背面 *Maxload,back*	2400Pa
电池标称工作温度 -NOCT	45±2°C
安全等级 safety level	Class II
防火性能 Fire performance	UL Type I

图纸 Drawing



电性参数 ElectricalParameters

型号 Model	JKL132-C-670NH		JKL132-C-675NH		JKL132-C-680NH		JKL132-C-685NH		JKL132-C-690NH		JKL132-C-695NH		JKL132-C-700NH	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
最大功率 (Pmax) [W]	670	508	675	512	680	516	685	520	690	523	695	527	700	531
最大功率点的工作电压 (Vmp) [V]	39.9	37.5	40.1	37.7	40.3	37.9	40.5	38.1	40.7	38.3	40.9	38.5	41.1	38.7
最大功率点的工作电流 (Imp) [A]	16.86	13.55	16.89	13.58	16.89	13.61	16.95	13.64	16.98	13.66	17.02	13.69	17.04	13.72
开路电压 (Voc) [V]	46.5	43.9	46.7	44.1	46.7	44.3	47.1	44.5	47.3	44.7	47.5	44.9	47.7	45.1
短路电流 (Isc) [A]	17.90	14.26	17.93	14.29	17.93	14.31	17.99	14.33	18.02	14.36	18.05	14.38	18.08	14.41
组件效率(EFF)[%]	21.57%		21.73%		21.89%		22.05%		22.21%		22.37%		22.53%	
功率公差Powertolerance(w)	0~+5W													
短路电流温度系数(a_Isc)	+0.046%/°C													
开路电压温度系数(B-Voc)	-0.250%/°C													
最大功率温度系数(y_Pmp)	-0.300%/°C													

标准测试条件(STC) 辐照度1000w/m², 电池温度 25°C, 光谱AM1.5
Irradiance 1000W/m², Cell temperature 25°C, Spectral AM1.5

标称电池工作温度(NOCT) 辐照度 800W/m², 环境温度 20°C, 光谱AM1.5, 风速 1m/s
Irradiance 800W/m², Ambient temperature 20°C, Spectrum AM1.5, Wind speed 1m/s

注: 在该产品目录中的电性能参数并不指一块组件, 也并不是合同中承诺内容。电性参数只做不同组件类型间比较之用。
Note: The electrical performance parameters in this product catalog do not only refer to a single module, nor are they promised in the contract.
The electrical parameters are only used for comparison between different module types.