

产品介绍》

Ca系列
多晶硅双玻光伏组件
Poly crystalline double glass solar module
 295/290/285/280/275W



高转换率 High Efficiency

采用先进的制造工艺的太阳能电池，组件转换效率最高可达18.0%
 Advanced solar cell technology ensures, The high module efficiency up to 18.0%.



正公差保证 Positive Tolerance

0 ~ +5W的组件功率保证
 Module guarantees a positive -only power tolerance of 0 to +5w to bring extra benefit.



出色的承载能力 Strong Load Capacity

组件通过了高达2400Pa风载以及5400Pa雪载的认证检测
 Module is capable to withstand 2400Pa wind loads and 5400Pa Snow loads.



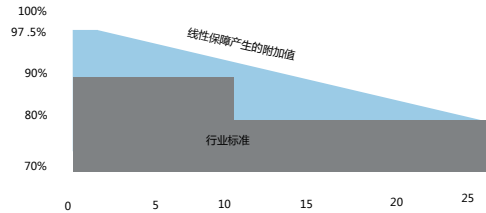
可靠的产品质量 Reliable quality

产品制造符合ISO9001国际质量管理体系
 Module is manufactured in accordance with international quality standards ISO9001



优异的防护性能 Higher Weatherproof Rating

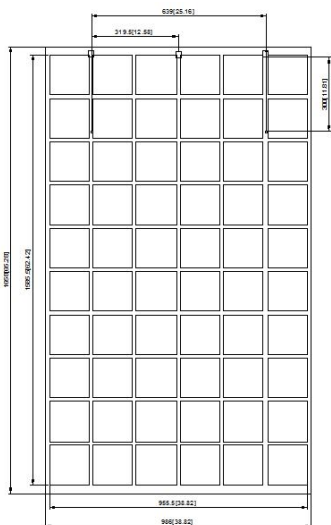
接线盒提供高达IP68的防护等级
 J-Box performs module with an environmental protection rating to IP68.



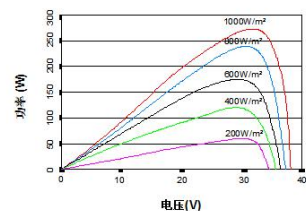
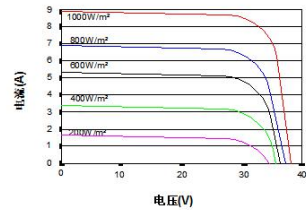
线性输出功率保证 Linear output power guaranteed

10年产品质保 10 year product warranty

25年线性输出功率保证 25years linear power output



电流-电压&功率-电压 曲线 Current-Voltage & Power-Voltage Curve (GEP-Ca295PH)



电气参数Electrical Characteristics

标准测试条件 (STC)	GEP-Ca295P	GEP-Ca290P	GEP-Ca285P	GEP-Ca280P	GEP-Ca275P
	GEP-Ca295PH	GEP-Ca290PH	GEP-Ca285PH	GEP-Ca280PH	GEP-Ca275PH
最大功率 (Pmax) Maximum Power (Pmax)	295W	290W	285W	280W	275W
功率公差 Tolerance of power	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
最大功率点的工作电压(Vmp) Maximum Power Voltage(Vmp)	33.7V	33.3V	32.9V	32.5V	32.1V
最大功率点的工作电流(Imp) Maximum Power Current(Imp)	8.76A	8.71A	8.66A	8.62A	8.58A
开路电压(Voc) Open Circuit Voltage(Voc)	39.8V	39.5V	39.2V	38.9V	38.7V
短路电流(Isc) Short Circuit Current (Isc)	9.29A	9.24A	9.19A	9.14A	9.08A
组件效率 Module Efficiency	18.0%	17.7%	17.4%	17.1%	16.8%
组件工作温度 Operating module Temperature	- 40°Cto +85°C				
最大系统电压 Maximum system(DC) Voltage	1000V/1500V(IEC)				
最大保险丝额定电流 Series Fuse Rating	15A				
额定电池工作温度(NOCT)* NOCT*	45±2°C				
最大功率温度系数 Temperature Coefficients of Pmax	- 0.410%/°C				
开路电压温度系数 Temperature Coefficients of Voc	- 0.330%/°C				
短路电流温度系数 Temperature Coefficients of Isc	+ 0.067%/°C				

机械参数 MECHANICAL CHARACTERISTICS

电池类型 Solar Cell	多晶156.75×156.75mm (6 英寸) 5主栅线 Poly crystalline 156.75×156.75mm(6 inches)5BB
电池数量 Number of cells	60 (6×10)
组件尺寸 Dimensions	1658×986×5(24.5)mm (65.28×38.82×0.24(0.96)英寸 inches)
重量 Weight	27.6Kg (60.85 磅 lbs)
玻璃 Front Glass	2mm (0.08英寸 inches) 前板玻璃 front glass 2mm (0.08英寸 inches) 前板玻璃 front glass
边框 Frame	无边框 No
接线盒 Junction Box	IP68防护等级 rated
电缆 Cable	4mm ² 光 (0.006英寸 inches) 光伏电缆 solar cable 300mm(11.8英寸 inches)
接插头 Connector	JK4/Z4S-abcde

包装方式PACKING CONFIGURATION

	20GP	40GP
单托组件数量 Pieces per pallet	35	35
托盘数 pallets per container	12	26
组件总数 Pieces per container	420	910

注意 NOTE:

1. 产品设计或具体规范参数如有更改，恕不另行通知。

1. Design and specifications are subject to change without prior notice.

2. 请参阅组件安装手册或联系我们以保障产品的正确安装与使用。

2. Refer to the installation and operating manual or contact Green energy power Renewable for detailed information on approved installation and use of this product.