

产品介绍》

DfMr系列
单晶硅光伏双玻组件
Mono crystalline
Double Glass
Solar Module

440/445/450/455/460W



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23.0%
 Advanced solar cell technology ensures, The high module efficiency up to 23.0%.



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.



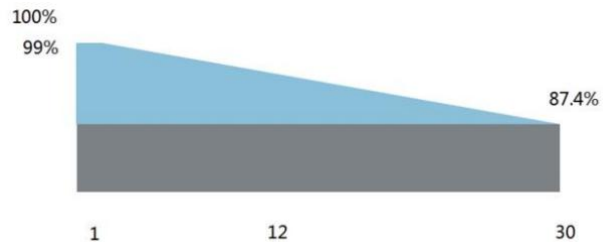
可靠的产品质量 Reliable quality

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

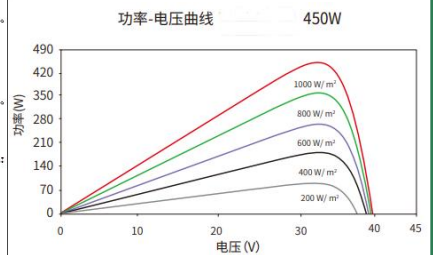
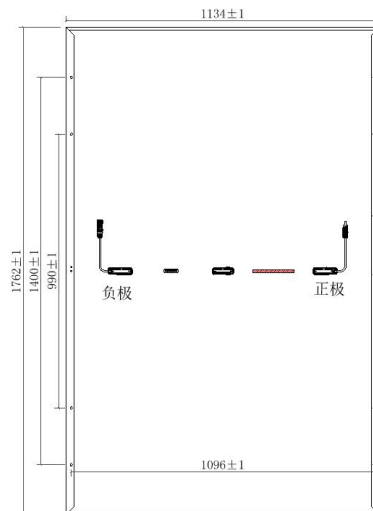
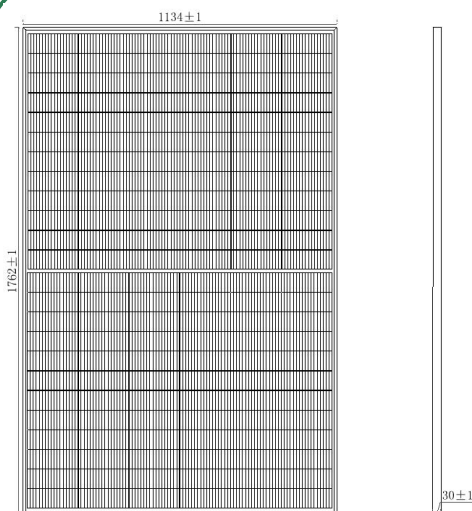
接线盒提供高达IP68的防护等级
 J-Box performs module with an environmental protection rating to IP68.



线性输出功率保证 Linear output power guaranteed

12年产品质保 12year product warranty

30年线性输出功率保证 30years linear power output



电气参数Electrical Characteristics

标准测试条件 (STC)	GEP-DfMr440NH	GEP-DfMr445NH	GEP-DfMr450NH	GEP-DfMr455NH	GEP-DfMr460NH
最大功率 (Pmax) Maximum Power (Pmax)	440	445	450	455	460
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)	44.00V	44.30V	44.60V	44.99V	45.34V
最大功率点的工作电流(Imp) Maximum Power Current(Imp)	10.01A	10.05A	10.09A	10.12A	10.15A
开路电压(Voc) Open Circuit Voltage(Voc)	52.20V	52.60V	52.90V	53.32V	53.70V
短路电流(Isc) Short Circuit Current (Isc)	10.67A	10.71A	10.74A	10.78A	10.82A
组件效率 Module Efficiency	22.0%	22.3%	22.5%	22.8%	23.0%
组件工作温度 Operating module Temperature	- 40°Cto +85°C				
最大系统电压 Maximum system(DC) Voltage	DC1500V(IEC)				
最大保险丝额定电流 Series Fuse Rating	25A				
额定电池工作温度(NOCT)* NOCT*	43°C(±2°C)				
最大功率温度系数 Temperature Coefficients of Pmax	- 0.30%/°C				
开路电压温度系数 Temperature Coefficients of Voc	- 0.25%/°C				
短路电流温度系数 Temperature Coefficients of Isc	+ 0.046%/°C				

机械参数 MECHANICAL CHARACTERISTICS

电池类型 Solar Cell	单晶 Topcon 182×70mm 16主栅线 Mono Topcon crystalline 182×70mm16BB
电池数量 Number of cells	144(6×24)
组件尺寸 Dimensions	1762*1134*30mm
重量 Weight	21.0Kg
前玻璃 Front Glass	1.6mm
后玻璃 Back Glass	1.6mm
边框 Frame	30mm铝边框
接线盒 Junction Box	IP68
电缆 Cable	300mm(+)/200mm(-)/可按需定制
接插头 Connector	EVO2/MC4适配 compatible
双面率 Double-sided factor	80%±5%

包装方式PACKING CONFIGURATION

	40HC
单托组件数量 Pieces per pallet	36
托盘数 pallets per container	26
组件总数 Pieces per container	936

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 chane 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.