



100W&120W 折叠板 Foldable Plate

12V 稳定输出
12V regulated output

携带方便 精致柔性
Easy to carry, delicate and flexible



多功能应用

Wide range of uses

让出行无忧

Making travel worry-free



一体化封装工艺
Integrated packaging process

过硬的产品质量
Excellent product quality

稳定的功率输出
Stable power output

优异的结构设计
Professional structural design



可折叠
Foldable



兼容广
Compatible



多口输出
Multiport



智能升压技术
Intelligent Boost

5年产品质保
5-year Product Warranty



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电性能参数 Electrical Characteristics

组件型号 Module Type		ZY680G12NHB-132		ZY685G12NHB-132	
组件工作条件 Working Conditions		STC	NMOT	STC	NMOT
最大功率 Maximum Power at STC/NMOT(Pmax)	W	100	76.02	120	91.2
最佳工作电压 Optimum Operating Voltage(Vmp)	V	18.45	17.16	18.87	17.24
最佳工作电流 Optimum Operating Current (Imp)	A	5.42	4.43	6.36	5.29
开路电压 Open Circuit Voltage(Voc)±3%	V	22.06	20.52	22.45	20.68
短路电流 Short Circuit Current(Isc)±3%	A	5.75	4.68	6.85	5.66
最大系统电压 Maximum System Voltage	V	1000 (DC)			
最大额定值熔丝电流 Maximum Series Fuse Rating	A	20			
组件工作温度范围 Operating Module Temperature	°C	-40~+85			
组件功率公差 Power Tolerance	W	0/+5			
应用等级 Application Class	/	Class A			

STC: 光照 1000W/m² 组件温度 25°C 大气质量 1.5 Irradiance 1000W/m², cell temperature 25°C, atmospheric quality AM1.5
NMOT: 光照 800W/m² 环境温度 20°C 风速 1m/s Irradiance 800W/m², ambient temperature 20°C, AM1.5, wind speed 1m/s

产品特性 Mechanical Characteristics

电池片 Solar Cell (No. of cells)	单晶硅(Mono-crystalline)M6 切割电池-166 Cut cells(66 PCS)	单晶硅(Mono-crystalline)M10 切割电池-182 Cut cells(66 PCS)
折叠尺寸 Folded Dimensions	510×540×40mm(±3mm)	640×585×40mm(±3mm)
展开尺寸 Unfolded Dimensions	1030×540×25mm(±3mm)	1290×585×25mm(±3mm)
排列 Array	2×50W 折叠板 Foldable Sewing Solar Panel 2×50W	2×60W 折叠板 Foldable Sewing Solar Panel 2×60W
表面材料 Surface Material	日本进口 ETFE 膜(ETFE imported from Japan)	日本进口 ETFE 膜(ETFE imported from Japan)
净重 N.W.	4.0 kg	4.8 kg
线缆 Output Cables	Cable*1 PCS 1m-2mm ²	Cable*1 PCS 1m-2mm ²
控制器+插接件 Controller+Connectors	CY1210(12V/10A)+MC4/定制化(Customized)	CY1210(12V/10A)+MC4/定制化(Customized)



Ⓒ 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。产品规格变更时恕不另行通知，所有技术变更中宜新能源保留最终解释权
The Electrical performance parameters are neither just referred to one panel, nor are a part of the contract; They are only used as reference Product specifications are subject to change without notice, all technical changes Zhongyi New Energy reserves the right of final interpretation