



瑞德能源
Reneled New Energy



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



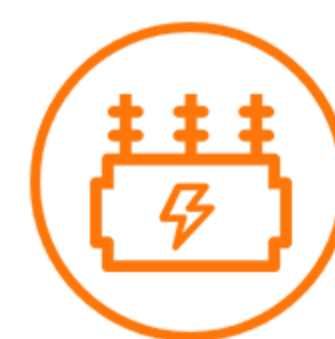
可折叠
Foldable



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		ZY100M6C66-S2FB		ZY120M10C66-S2FB	
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 (Voc) ±3%	A	5.75	4.68	6.85	5.66
最大系统电压 Maximum System Voltage	V	1000 (DC)			
最大额定熔丝电流 Maximum Series Fuse Rating	A	20			
组件工作温度范围 Operating Module Temperature	℃	-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℃ 大气质量1.5 Irradiance 1000w/m², Cell Temperature 25℃,Atmospheric quality Am1.5
NMOT: 光照800W/M² 环境温度20℃ 风速:1m/s The irradiance is 800W/m, the ambient temperature is 20 degrees, and the wind speed is 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 (66pcs)	单晶硅(Mono-crystalline)M10切割电池-182 Cut cells (66pcs)
折叠尺寸 Folded Dimensions	510x540x40mm (±3mm)	640x585x40mm (±3mm)
展开尺寸 Unfolded Dimensions	1030*540*25mm (±3mm)	1290x585x25mm (±3mm)
排列 Array	2x50w折叠板Foldable Sewing Solar Panel 2x50W	2x60w折叠板Foldable Sewing Solar Panel 2x60W
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*1pcs 1m-2mm²	Cable*1pcs 1m-2mm²
控制器+插接件 Controller+Connectors	CY1210(12V/10A)+MC4/定制化(Customized)	CY1210(12V/10A)+MC4/定制化(Customized)



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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