

PV Module Optimizer

光伏组件优化器

Model: **XL02-A**

Functionality: **Optimization**

型号: XL02-A

功能: 优化

Product Features 产品特点

Increase in power generation capacity:

Module-level maximum power point tracking (MPPT) can increase power generation by 5% to 25%.

发电量提升

组件级最大功率点追踪，能提升发电量5%-25%

Monitoring:

Real-time monitoring of the operation status of each photovoltaic module allows for timely detection of issues and precise troubleshooting.

监控

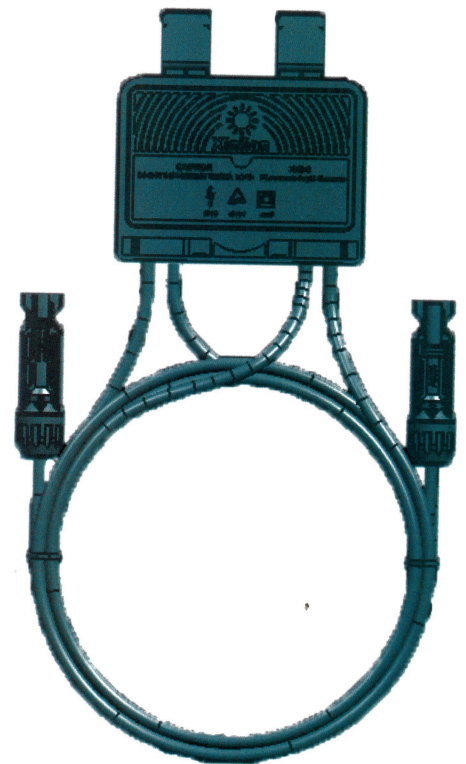
实时监控每块光伏组件的运行情况。及时发现问题并精准定位

Stable and reliable communication:

Using photovoltaic cables or power line carrier communication eliminates the need for additional communication cables.

通讯稳定可靠

采用光伏线缆电力线载波通讯，无需额外增加通讯线缆



Project 项目	Parameter 参数
Maximum input power 最大输入功率	600W
Maximum input voltage 最大输入电压	80V
MPPT voltage range MPPT电压范围	8-80V
Maximum input current 最大输入电流	15A
Maximum current output 最大输出电流	17A
Syetem voltage 系统电压	1000V/1500V
Peak conversion efficiency 峰值转换效率	99.5%
Installation specifications dimensions 安装规格	105*105*20mm
Weight (g) 重量	500g
Cable 电缆	4.0mm ² input 70cm output 100cm customizable
Connector 连接器	MC4 Or Compatible with MC4
Operating temperature range 工作温度范围	-40°C ~ +85°C
Level of protection 防护等级	IP68
Communication mode 通讯方式	nothing 无
Product certification 产品认证	TUV