



光伏专用并网配电箱 (可根据要求定制)

Special grid-connected distribution box for photovoltaic (can be customized according to requirements)

光伏并网配电箱适用于小型太阳能光伏并网发电系统，主要解决分布式屋顶光伏电站接入配电网，作为光伏逆变器与电网之间的电能转换、分配、控制与保护平台，保证系统的安全稳定工作，同时具有自动过欠压防护、防雷、防水、防尘、防腐等功能，刀闸与空开双重防护，确保操作安全。

双开门系列并网箱提供智能电表接线，单相、三相等参数可由客户需求选择。

Photovoltaic (pv) grid distribution box is suitable for small solar photovoltaic (pv) grid power generation system, mainly to solve distributed rooftop photovoltaic power station connected to the power distribution network, as between grid and pv inverter power transformation and distribution, control and protection platform, ensure the system security and stability work, at the same time with automatic under-voltage protection, lightning protection, waterproof, dustproof and anti-corrosion, and other functions, Double protection of knife brake and air opening ensures safe operation.

Double door series mesh cage provides intelligent meter wiring, single phase, three equal parameters can be selected by customer requirements.

技术参数 Technical parameters

产品型号/Product model	YF-B40B4-63A
标称工作电压Un Nominal operating voltage Un	380V AC
最大持续工作电压Uc Maximum continuous operating voltage Uc	385V AC
标称放电电流 (8/20μs) In Nominal discharge current (8/20μs) In	20kA
最大通流容量 (8/20μs) I _{max} Maximum stream capacity (8/20μs) I _{max}	40kA
保护水平 (8/20 μ s) U _p Protection level (8/20μs) U _p	1.5kV
推荐安装导线截面积 Cross-sectional area of the cable is recommended	L、N线 ≥6mm ² , PE线 ≥10mm ²
外形尺寸/Overall dimensions	双开门(Double door)560 × 800 × 200mm 单开门(Single door)500 × 350 × 170mm
工作环境/The work environment	温度-40~+85℃, 相对湿度 ≤95% (25℃) Temperature -40 ~ +85℃, relative humidity ≤ 95% (25℃)

功能特点 Functional features

- 配有大通流防雷器，防护能力极佳，并有窗口劣化指示及自动脱扣功能；
- 配有自复式过欠压保护器，具有自动过、欠压保护及常压自动合闸功能；
- 核心元器件全部采用国际知名品牌，性能稳定，安全可靠；
- 布线合理，美观大方、操作简单、维护方便；
- 外形尺寸、箱体材料、接入电流、核心器件等均可按客户要求定制。

- Equipped with chase flow lightning arrester, excellent protection ability, and has window deterioration indication and automatic tripping function;
- Equipped with self-compound over and under voltage protector, with automatic over and under voltage protection and atmospheric pressure automatic closing function;
- The core components are all international famous brands, stable performance, safe and reliable;
- Wiring is reasonable, beautiful and generous, simple operation, easy maintenance;
- Dimensions, box material, access current, core components can be customized according to customer requirements.

应用场景 Application scenarios

- 配适用于小型光伏并网发电系统；
- 逆变器与市电网之间的连接；
- 壁挂式安装，防水、防尘、防腐等级高，室内户外均可应用。
- Suitable for small photovoltaic grid-connected power generation system;
- The connection between the inverter and the municipal power grid;
- Wall-mounted, waterproof, dustproof, anticorrosion grade is high, indoor and outdoor can be used.