



光伏并网配电柜 (可根据要求定制)

Photovoltaic grid-connected power distribution cabinet (can be customized according to requirements)

伊发光伏交流配电柜是承接集中式逆变器与升压变压器或交流汇流箱与升压变压器的重要组成部分,此光伏配电柜的进线采用断路器输入或直接输入,输出采用断路器或负荷隔离开关,母线采用电镀或纯化后的母线连接,并提供二级防雷保护,系统额定电压最高为AC690V,防护等级室内为IP40、室外为IP65;二次测量及控制的电缆,电流为大于2.5mm²的电缆,电压为大于1.5mm²的电缆,控制为大于1.0mm²的电缆,测量电流互感器为0.5级的电流互感器,计量互感器为0.2S级的电流互感器。还可根据客户要求增加相关的功能等。

此产品采用专业的电气设计、元件选型,使柜体内部结构安全、简洁、美观、方便现场接线及维护并保证设备长时间的稳定工作。

Photovoltaic ac distribution cabinets, hair is to undertake the centralized inverter communication with step-up transformer or junction box and an important component of the step-up transformer, the photovoltaic (pv) power distribution ark into line with the breaker input or direct input, output using open circuit or load isolation switch, bus using electroplating or purified busbar connection, and provides the second lightning protection, The maximum rated voltage of the system is AC690V. The protection level is IP40 indoors and IP65 outdoors. For the cables for secondary measurement and control, the current is greater than 2.5mm², the voltage is greater than 1.5mm², and the control is greater than 1.0mm². The measuring current transformer is a 0.5 level current transformer, and the measuring current transformer is a 0.2s level current transformer. We can also add relevant functions according to customer requirements.

This product adopts professional electrical design and component selection, so that the internal structure of the cabinet is safe, simple, beautiful, convenient for on-site wiring and maintenance and to ensure the long-term stable work of the equipment.

技术参数 Technical parameters

产品型号/Product model	GGD
最高输入电压/Maximum input voltage	690V AC
额定频率/Rated frequency	50Hz
最大额定电流/Maximum rated current	3150A
测量数据/metrical data	三相电流、三相电压、有功功率、视在功率、功率因数、频率、电度 Three phase current, three phase voltage, active power, apparent power, power factor, frequency, electricity
通信方式/协议 Communication method/protocol	RS485总线/标准的MODBUS-RTU协议 RS485 bus/standard ModBUS-RTU protocol
温湿度/Temperature and humidity	工作温度:-40~+85℃,湿度95%,无凝露、无腐蚀性气体场所 Working temperature: -40~+85℃, humidity 95%, no condensation, no corrosive gas place
海拔/Elevation	≤4000m
柜体材质/Cabinet material	热镀锌钢板/不锈钢/冷轧钢板 Hot dip galvanized steel/stainless steel/cold rolled steel
防护等级/Protection grade	IP40
体积(宽×高×深)/Volume (W×H×D)	2260mm×800mm×600mm
安装方式/Installation	落地式/floor

功能特点 Functional features

- 既可采用固定安装式设计、也可采用插入式设计。
- 采用本公司或国内外知名品牌断路器和元件组合成功能单元,具有优良的技术性能,安全可靠。
- 可分别组成各种标准单元模块,供客户任意选用组装。
- 采用区域之间的隔离以及功能单元进线和出线之间的相互隔离,有效的加强安全防护性能。
- 组合装配式结构,框架的全部结构件均用螺丝固定连接,框架及门、面板均经磷化处理静电喷塑处理,不喷塑部件全部镀锌并经钝化处理。能满足各种元件的要求并能符合不同工作环境,达到相应的防护等级。骨架采用优质钢板,骨架上可带有模数为25mm的孔,可供各种用途扩展,进线方式有上、下侧进线两种方式。
- 分断能力高、动热稳定性好,电气方案组合灵活方便、实用性强,主要参数达到国际先进水平。
- 重量轻,机械强度和装配精度高,外形美观。

- It can be fixed mounting design, also can be inserted design.
- Adopt our company or domestic and foreign famous brand circuit breaker and component combination successful energy unit, with excellent technical performance, safe and reliable.
- Can be composed of various standard unit modules, for customers to choose any assembly.
- The isolation between areas and the isolation between the incoming and outgoing lines of functional units can effectively strengthen the safety protection performance.
- Combined assembly structure, all structural parts of the frame are firmly connected with screws, the frame, door and panel are treated by phosphating electrostatic spray treatment, non-spray parts are galvanized and passivated treatment. Can meet the requirements of various components and can meet different working environments, to achieve the corresponding protection level. The frame is made of high quality steel plate. The frame can be equipped with holes with a modulus of 25mm, which can be extended for various purposes. There are two ways of entering the wire: upper and lower side.
- High breaking capacity, good dynamic and thermal stability, flexible and convenient electrical scheme combination, strong practicability, the main parameters reach the international advanced level.
- Light weight, high mechanical strength and assembly precision, beautiful appearance.