



光伏储能集装箱式预制舱 (可根据要求定制)

Photovoltaic energy storage container prefabricated cabin (Customized according to requirements)

光伏储能集装箱式预制舱是用于放置电池的舱体，使用化学储能的方式，发挥着提高电能质量、充当备用电源、调节频率的作用。其内部选用磷酸铁锂电池作为主要储能材料，具有充放电效率高、使用寿命长、安全性能好的优势，能够很好的进行电能的储存。

随着智能电网建设的深入发展，储能集装箱预制舱被越来越多的使用，未来可能成为电站搭配的刚需，实现电站建设的“分散式布置，集中式控制”方案，成为缓解供电压力，解决电力紧张局面的有力保障。储能集装箱预制舱可以适应多种环境，能够在高海拔严寒地区安装，舱体具有良好的保温隔热，有效保障内部设备的稳定运行。

Photovoltaic energy storage container prefabricated cabin is used to place batteries, the use of chemical energy storage, play a role in improving power quality, acting as a backup power source, frequency regulation. Its internal selection of lithium iron phosphate battery as the main energy storage material, has the advantages of high charge and discharge efficiency, long service life, good safety performance, can be very good energy storage.

With the further development of smart grid construction, prefabricated containers of energy storage are used more and more, which may become the rigid needs of power station collocation in the future. The "distributed layout and centralized control" scheme of power station construction will become a powerful guarantee to relieve power supply pressure and solve the power shortage situation. Energy storage container prefabricated cabin can adapt to a variety of environments, can be installed in high altitude cold areas, the cabin body has good heat insulation, effectively guarantee the stable operation of internal equipment.

光伏储能集装箱式预制舱产品配置 Product configuration

光伏储能集装箱式预制舱产品配置 Photovoltaic energy storage container prefabricated cabin product configuration			
电池 The battery	电池架 Battery holder	通信设备 Communication equipment	照明系统 Lighting system
控制柜 Control cabinet	火警报警系统 Fire alarm system	灭火器 Fire extinguisher	风机 fan
防静电地胶 Anti-static ground glue	应急照明 Emergency lighting	安全指示标志 Safety indication mark	●●●

光伏储能集装箱式预制舱产品特点 Product features

- 有效防水，免地基，可拆卸，快速组建，吊装方便。
 - 外形美观，根据客户需求定制颜色样式，成本低，安全可靠。
 - 使用钢板外壁，具有耐腐蚀，耐酸性，高耐候的特点，使用年限可达20年以上。
 - 安装防静电地胶及高阻燃复合地板，有效的防火、防风、防尘。
 - 内部无人值守，具有系统断电的自动启动复位功能，温湿度传感器等配套设施。
 - 配套室内外通信设备，完成信号传输。
- Effective waterproof, no foundation, disassembly, rapid construction, easy lifting.
 - Beautiful appearance, customized color style according to customer needs, low cost, safe and reliable.
 - The use of steel plate wall, with corrosion resistance, acid resistance, high weather resistance, the service life can reach more than 20 years.
 - The installation of anti-static glue and high flame retardant composite floor, effective fire, wind, dust.
 - Internal unattended, with the system power automatically start reset function, temperature and humidity sensor and other supporting facilities.
 - Supporting indoor and outdoor communication equipment, complete signal transmission.

应用场景 Application scenarios

- 适用于火力、风能、太阳能发电站的电能储存，在海岛、小区、学校、科研机构、工厂、大型购物中心等也有应用，能够适用多种环境。
- It is suitable for power storage of thermal power, wind power and solar power stations, and is also applied in islands, communities, schools, scientific research institutions, factories and large shopping centers, etc. It can be applied in a variety of environments.



海岛 Island



居民小区 Residential area



工厂 The factory