



## 光伏逆变器集装箱 (可根据要求定制)

Container for photovoltaic inverter (Customized according to requirements)

光伏逆变器集装箱内主要配备逆变器, 可根据用户需求在内部集成直流配电柜等其他设备, 通过这些设备, 能够组成一个独立的光伏并网发电单元。这种光伏逆变器集装箱的制作和安装较为简单, 很好的满足了用户对于项目的施工周期和工程成本的要求, 并且能够有效的降低施工难度和现场风险, 被人们越来越多的应用。

光伏逆变器集装箱的产生对于各种室内外通讯设备、基站及其他配套设施防护、安置、运输包装起着十分重要的作用, 在沙漠、沿海地区等水泥房不易建设的地区更是广泛应用, 解决了光伏产品放置及保护问题。

The container is mainly equipped with inverters, which can integrate other devices such as DC power distribution cabinets according to user requirements. Through these devices, an independent grid-connected photovoltaic power generation unit can be formed. The production and installation of this kind of photovoltaic inverter container is relatively simple, which well meets the requirements of users for the construction cycle and engineering cost of the project, and can effectively reduce the difficulty of construction and site risk, which is more and more used by people.

The generation of photovoltaic inverter container plays a very important role in the protection, placement, transportation and packaging of various indoor and outdoor communication equipment, base station and other supporting facilities. It is widely used in the desert, coastal areas and other areas where cement houses are not easy to build, and solves the problem of photovoltaic product placement and protection.

## 光伏逆变器集装箱产品配置 Product configuration

光伏逆变器集装箱产品配置 PV Inverter Container Product Configuration			
逆变器 Inverter	直流断路器 DC circuit breaker	配电箱 Distribution box	变压器 Transformer
监控设备 Monitoring equipment	送排风系统 Air supply and exhaust system	防静电地胶 Anti-static ground glue	应急照明 Emergency lighting
火灾报警系统 Fire alarm system	灭火器 Fire extinguisher	工业空调 Industrial air conditioning	●●●

## 光伏逆变器集装箱产品特点 Product features

- 制作及安装方便, 可移动, 不需要地基, 施工工期短, 成本低。
  - 整体采用钢结构, 具有防风、防震的效果, 整体抗压、抗震能力强。
  - 可根据用户需求选择样式及颜色, 外形美观大方, 能够有效融入周围环境。
  - 具有耐腐蚀、耐酸碱性的特点, 箱体使用年限能够达到20年以上。
  - 底部采用防静电地胶, 保障内部通讯设备的正常运行。
  - 整体强度高, 采用钢板外壁, 整体防护等级可达IP54。
- Easy to make and install, mobile, no need for foundation, short construction period, low cost.
  - The overall use of steel structure, with windproof, shockproof effect, the overall pressure resistance, seismic ability is strong.
  - Can choose style and color according to user needs, beautiful appearance and generous, can effectively blend into the surrounding environment.
  - With the characteristics of corrosion resistance, acid and alkaline resistance, the service life of the box can reach more than 20 years.
  - The bottom adopts anti-static glue to ensure the normal operation of internal communication equipment.
  - High overall strength, using steel plate outer wall, the overall protection level can reach Ip54.

## 常用集装箱参数表 Table of common container parameters

符合现行国际标准的集装箱有很多种, 但宽度均为 (2438mm)、常用集装箱为:  
There are many kinds of containers in line with the current international standards, but the width is (2438mm), commonly used containers are:

箱型 Type of box	外部长度 The external length	外部宽度 External width	外部高度 External height	面积 Area
20尺标箱 Standard 20 foot	6m	2.4m	2.6m	≈14m <sup>2</sup>
40尺标箱 Standard 40 foot	12m	2.4m	2.6m	≈28m <sup>2</sup>
40尺高箱 40 feet high box	12m	2.4m	2.9m	≈28m <sup>2</sup>