



光伏华式变电站（可根据要求定制）  
Photovoltaic Chinese substation (Customized according to requirements)

光伏华式变电站即不同于美式箱变也不同于欧式箱变，扬其之长避其之短。独特的R法高压联结，业界首创，拥有中国自主知识产权，充分展示华式变电站的不用凡响：安全、可靠、方便、环保。目前已大量用于光伏、风电等35kV变配电领域。

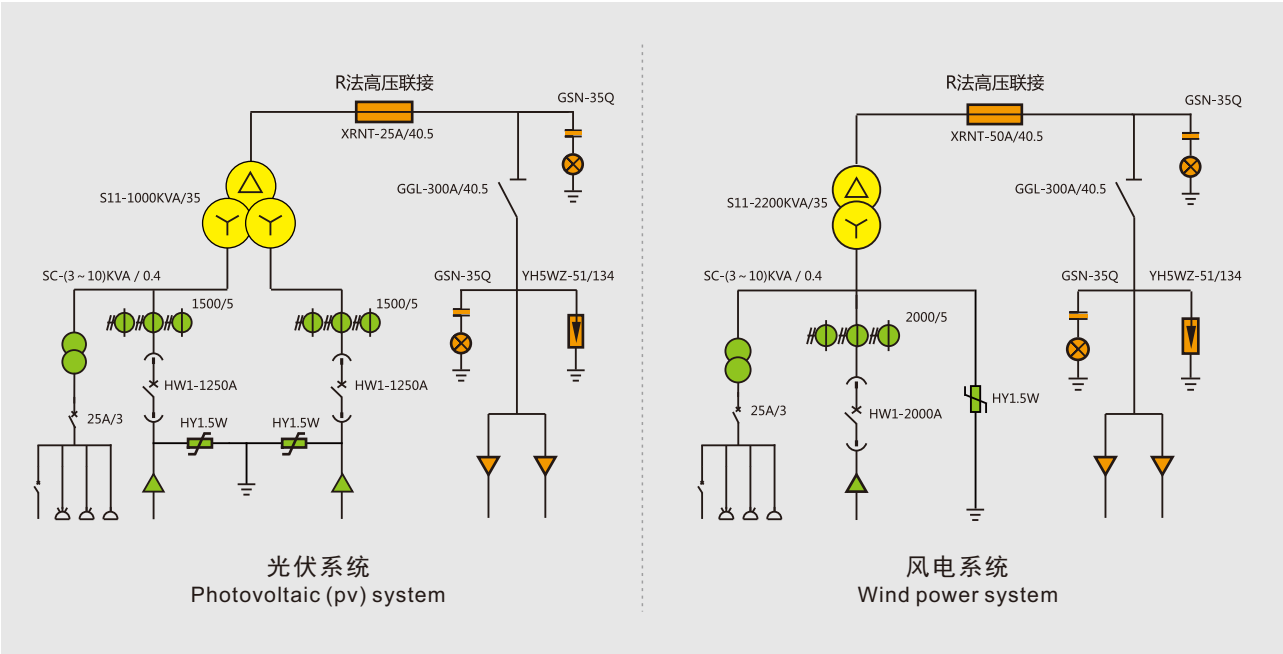
华式变电站是一种高压开关设备、配电变压器和低压配电装置，按一定接线方案排成一体的工厂预制户内、户外紧凑式配电设备，即将、变压器、低压配电等功能有机地组合在一起，安装在一个防潮、防锈、防尘、防鼠、防火、防盗、隔热、全封闭、可移动的钢结构箱内。华式变电站特别适用于城网建设与改造，是继土建变电站之后崛起的一种崭新的变电站。

Photovoltaic Chinese substation is different from the American box transformer is different from the European box transformer, its long avoid its short. The unique R method high voltage connection is the first of its kind in the industry, and has China's independent intellectual property rights, which fully demonstrates the non-extraordinary characteristics of Chinese substation: safety, reliability, convenience and environmental protection. At present, it has been widely used in photovoltaic, wind power and other 35kV transformation and distribution fields.

China type transformer substation is a kind of high voltage switch equipment, distribution transformers and low voltage power distribution equipment, according to the wiring scheme must be arranged in one of the factory distribution equipment, indoor, outdoor compact type is, transformers, low voltage power distribution functions such as organically combined together, installed in a moisture, rust, dust, rat, fire prevention, guard against theft, heat insulation, fully enclosed, movable steel structure in the box. Chinese substation is especially suitable for urban network construction and transformation, which is a new kind of substation rising after civil construction substation.

Safety first, service oriented  
安全为先·服务为本

光伏华式变电站电气系统 Photovoltaic Chinese type substation electrical system



技术参数 Technical parameters

产品型号 Product model	ECS-1000/35	ECS-1500/35	ECS-2000/35
总功率（KW） Total power (KW)	1000	1500	2000
交流输入（AC） Alternating Current Input (AC)	(270V+270V) 光伏 (270V+270V) Photovoltaic (pv)	690V（风电） 690V (wind power)	690V（风电） 690V (wind power)
交流升压（AC） Alternating current boost (AC)	35kV-38.5kV	35kV-38.5kV	35kV-38.5kV
高压开关柜 High voltage switchgear	GGR-25A/40.5	GGR-35A/40.5	GGR-50A/40.5
节能变压器 Energy saving transformer	S11-1000kVA/35	S11-1600kVA/35	S11-2200kVA/35
箱变测控 Change control box	RS485	RS485	RS485
外形尺寸（长×宽×高） Overall dimensions (L × W × H)	3600×2430×2900	4300×3000×2900	4300×3000×2900
重量（KG） Weight (KG)	6000	7000	8000

注：35kV光伏华式变电站技术参数

光伏华式变电站产品特点 Product features

- 不用放油加油 免除美变烦恼
  - 油质不受污染 二十年有保障
- 系统无需停电 发电不受影响
  - 运维方便安全 恶劣天气无妨
- 变压器免爆晒 发电效率更高
  - 全面隔热防护 自然通风散热
- Do not put oil refueling to avoid the United States change trouble
  - The system does not need to outage power generation is not affected
  - The transformer is more efficient to achieve non-explosive power generation
  - The quality of oil is not polluted for twenty years
  - Operation and maintenance is convenient and safe. Bad weather is OK
  - Comprehensive heat insulation protection natural ventilation heat dissipation