



中兴技术

ZhongXing Technology

户 外 机 房 专 家

Energy Storage System (ESS/BESS)

——Outdoor Solutions



<https://www.jh-zxct.com/>



Company Profile

Jinhua ZhongXing Communication Technology Co., LTD, is focused on the Outdoor shelter, Cabinet, Modular house for Telecom, environmental monitoring, Computer data center, Power storage applications, we've got a one-stop supply from design, production, construction to marketing. We are committed to provide first-class quality and efficient pre-sale and after-sale services, which has taken good reputations from our customers.

Our company is certified with “Steel Construction professional contractor III”, “Grade 3 of general contracting on Telecom engineering”, “Production license for broadcast TV tower”, we have full capability for the product design, manufacturing with rich field installation experience, the production capacity >10,000 sets/year.

Certification certificate



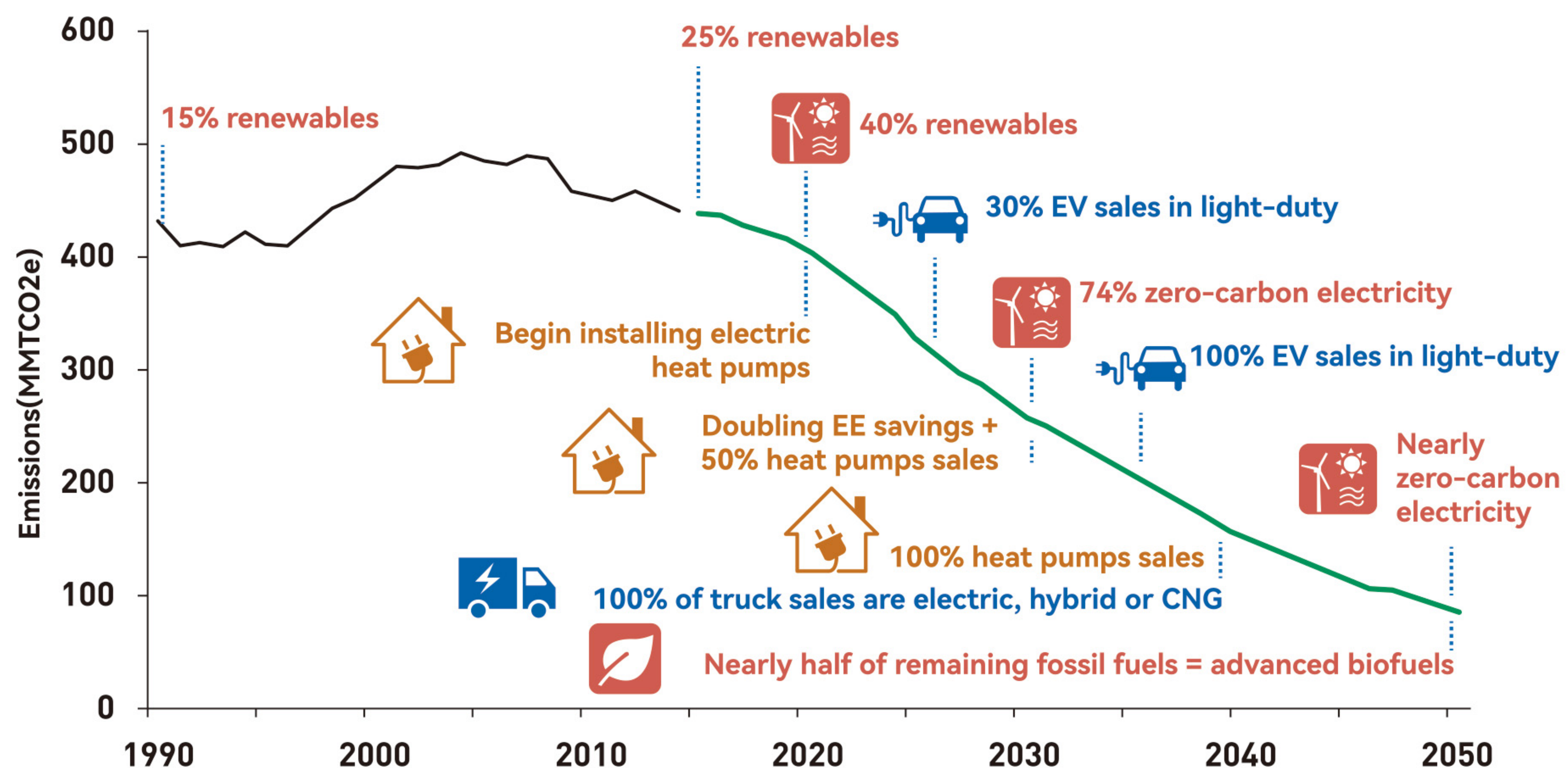
Patent certificate



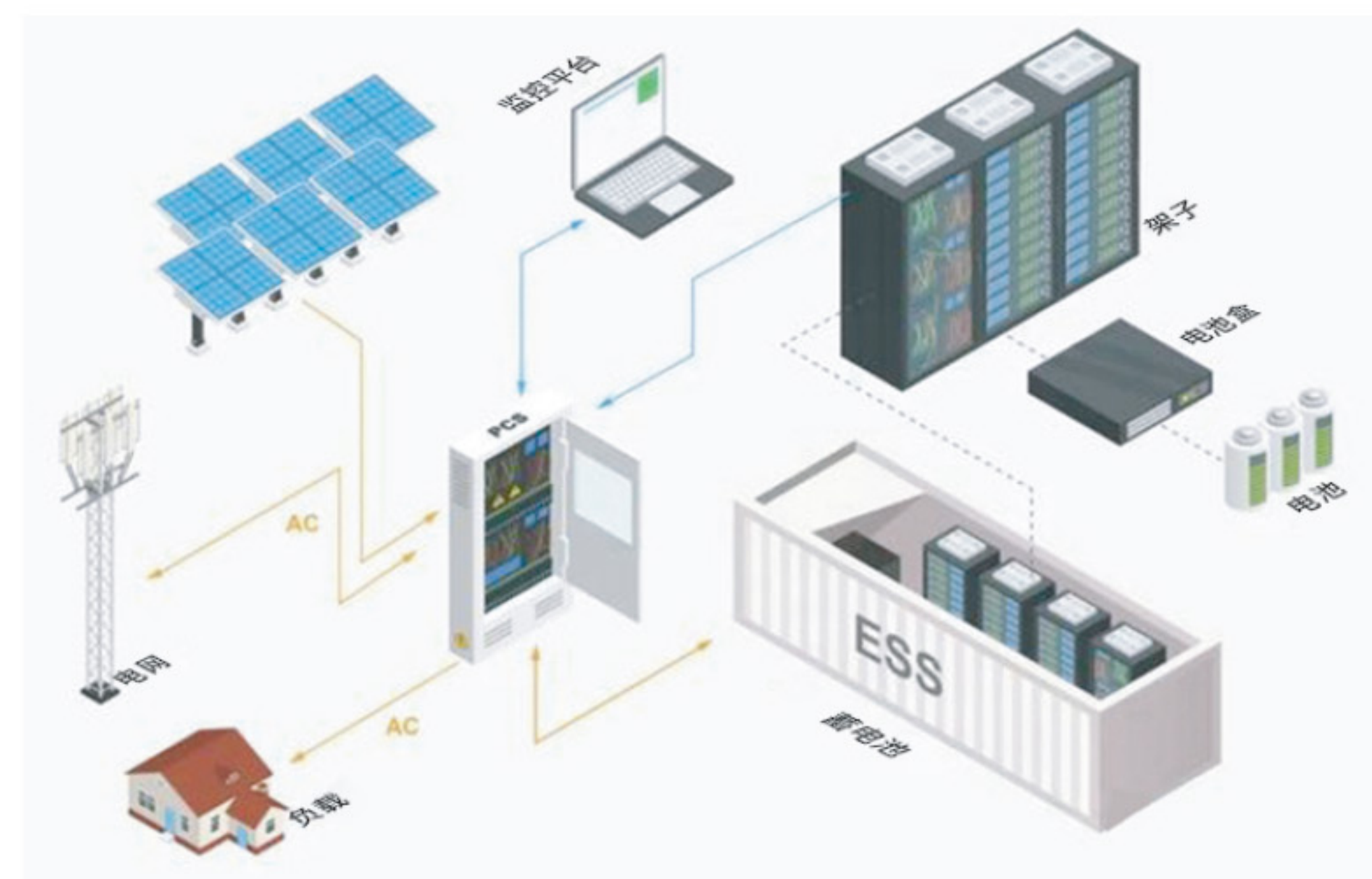
Why Is Energy Storage Essential?

A core scenario proposed by the International Energy Agency (IEA) that would be compatible with limiting the rise in global mean temperature to 2 degrees Celsius by 2100 with a probability of 66% could require that renewables and other low-carbon technologies make up more than 80% of global installed capacity by 2050.

Each decade, the world would have to cut CO₂ emissions from energy use in half. That may be easy from 2017 to 2020. It gets much tougher for 2020 through 2030, and even more difficult for 2040 through 2050. This requires enormous increases in energy efficiency, deployment of large-capacity and long-duration energy storage



Our energy storage experts work with manufacturers, utilities, project developers, communities and regulators to identify, evaluate, test and certify systems that will integrate seamlessly with today's grid, while planning for tomorrow. We provide support across the entire energy storage value chain—feasibility, testing, development and engineering, construction and operation.



Outdoor Cabinet Solution

- ☛ Modular design, power can be flexibly configured on demand
- ☛ Thermal bridge isolated design, the whole system thermal conductivity $<0.75\text{W/m}^2\cdot\text{K}$
- ☛ IP55 protection grade design, strong environmental applicability
- ☛ More than 25 years of design service life
- ☛ Set apron slope $>3\%$ for preventing water penetration.
- ☛ High power density with less footprint
- ☛ The working status of the system can be viewed in real-time through the monitor platform webpage or mobile APP, and the fault warning information can get in advance
- ☛ The charging and discharging period can be set according to the needs, and the peak shaving and valley filling function can be completed, saving electricity bills



Container House Solution

- ☛ Advanced temperature simulation technology to ensure the consistency of battery cell operating temperature and increase battery life.
- ☛ Wind resistance >45m/s, up to 60m/s. Seismic rating up to 9.
- ☛ IP55 protection grade design, strong environmental applicability
- ☛ More than 25 years of design service life
- ☛ Set apron slope >3% for preventing water penetration.
- ☛ BMS effectively increases the depth of use of the system and increases the discharge capacity of the system
- ☛ The working status of the system can be viewed in real-time through the monitor platform webpage or mobile APP, and the fault warning information can get in advance
- ☛ The charging and discharging period can be set according to the needs, and the peak shaving and valley filling function can be completed, saving electricity bills



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