

Prefabricated Cabin Substation (E-House)

Flexible substation siting, high factory integration

Low comprehensive cost



<p>Product Overview</p>	<p>The primary function of the prefabricated cabin substation is to convert low-voltage AC power generated by new energy generation systems into medium-voltage AC power and feed the electrical energy into the grid.</p> <p>The prefabricated cabin substation integrates LV cabinets, transformers, ring main units (RMU), auxiliary power, and other equipment into a steel structure container, providing a highly integrated power transformation and distribution solution for ground-mounted power station medium-voltage grid-connection scenarios.</p>	
<p>Product Features</p>	<ul style="list-style-type: none">  Intelligent  Simple  Reliable  Rapid Deployment 	<ul style="list-style-type: none"> 1. Real-time detection of the operating status of LV cabinets, transformers, and ring main units. 2. Online detection of electrical parameters; current and voltage detection accuracy reaches up to 0.5 class. 3. Supports remote control of the main circuit breakers in LV cabinets and ring main units, as well as remote querying of box-type substation operational information. 1. Internal equipment is prefabricated and installed. 2. Compact 20ft container structure, suitable for various transport conditions and easy to install. 1. Structural design is firm and reliable. 2. Protection rating for LV and MV compartments is IP54. 1. Capable of achieving rapid deployment. 2. On-site operations only require completing the LV incoming and MV outgoing connections.