

# CONTAINERIZED SUBSTATIONS

Containerized mobile substations are sheltered and address applications in challenging environmental conditions including areas with high pollution, high humidity, extreme temperatures or sand storms. Containers are easy to transport and fast to install, by reducing foundation works as well as installation and commissioning effort on site.

- Compact structure and small footprint.
- The internal dry-type transformer is stable and maintenance-free, fire-retardant, and meets higher fire protection requirements.
- The container adopts a special process, with anti-corrosion and anti-exposure capabilities, and can effectively resist the erosion of wind and sand.
- Easy To Transport, compact 20ft/40ft, the container loads on most flatbeds.
- Super Harmonic withstand capability.
- Container substation safety and reliability: fully sealed and insulated for enhanced safety.
- High overload capacity.
- High resistance to short circuits.
- Fan forced ventilated options available.
- Designed and Customized according to customer requirements.



## TECHNICAL CHARACTERISTICS

### Main Specification

Transformer Type	Cast resin
Rated capacity	315kVA - 10MVA
Rated voltage	Up to 33KV
Frequency	50 or 60Hz
Phase	Single phase or three phase
Winding material	Copper, Aluminum
Insulation class	F, H
Vector group	Dyn11, Dyn5, YNd1d1 etc.
Cooling	AN, AF, ANAN, ANAF, AFWF etc.
Protection Enclosure	IP00 to IP54
Sound level	≤ 55dB
Climate	C3, C4, C5
Environmental	E2, E3, E4
Fire behaviour	F1
Standard	IEC, AS, EN, IEEE/ANSI, GOST
Altitude	Max 5000m