

Mobile Substation

One Stop Energy Solution



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Mobile Substation

CHINT Mobile Substation is installed on a moveable platform, equipped with HV&MV components such as Power transformer, Switchgear (GIS,HGIS,AIS), Instrument Transformer, Surge Arresters, Protection Relays, AC and DC auxiliary power supply and control systems and other equipment are , It can be adapted to all scenarios of power generation, transmission, transformation and distribution according to customized needs, providing users with reliable and stable power supply.



One-Stop Service, Saving You More

- Pre-sales: Customized design solutions
- During sales: Project management philosophy
- After-sales: Global service network



Full-Chain Project Solutions

- Full-process control
- Full-lifecycle service
- All-round assurance

Key Specifications

High-Voltage (Primary) Side						
Rated Voltage	kV	36	72.5	145	170	245
Rated Frequency	Hz	50,60				
Power Frequency Withstand Voltage	up to kV	70	140	275	325	460
BIL	up to kV	170	325	650	750	1050
Power Transformer						
Rated Power	MVA	35	35	63	120	120
Medium Voltage Secondary Side						
Rated Voltage	kV	7.2	12	17.5	24	36
Rated Frequency	Hz	50,60				
Power Frequency Withstand Voltage	kV	20	28	38	50	70
BIL	kV	75	75	95	125	170

Application Scenarios



Mining smelting, petroleum and petrochemical



Temporary infrastructure, new industrial park



Natural disaster, artificial damage



Key areas, major events



Power maintenance, power grid reconstruction

Project References



Honduras | 132kV Mobile Substation



Italy | 69kV Trailer-Mounted Substation



Guatemala | TRELEC 69 kV Mobile Substation Project