



Prefabricated Substation

Fully Prefabricated, Minimum Site Work, Accelerated Grid Connection



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Prefabricated Substation

CHINT prefabricated substation offers max voltage 66kV and max capacity 18MVA. The product has obtained CE, EPD, and TUV certifications. Its core components are self-produced brands, rigorously tested in a CNAS accredited factory laboratory. Onsite work is reduced to cable connections only, saving the construction period by over 60%. It provides a reliable, cost effective, and fast delivery solution for renewable energy, AIDC, and oil & gas projects.



Super Large Capacity Saves Costs

7% savings on equipment, 20% reduction in land use, lower O&M costs across the entire lifecycle.



High Reliability · No Corrosion or Deformation · Life Cycle ≥ 25 Years

Enclosure level within 5° C, ensuring uniform heat distribution inside without abnormal hot spots. The enclosure anti corrosion max C5-H, IP54, Anti-corrosion level IK10, seismic resistance above Grade 8.



Fast Delivery to Meet Rapid Grid Connection Needs

Core components such as transformer, RMU, and LV switchgear are Chint brands, ensuring a stable supply chain. Lead time is 3-6 months, meeting the need for rapid grid connection and early revenue generation.

Key Specifications

Rated Capacity (MVA)	0.1~18
Rated Voltage (kV)	10-66kV
Rated Frequency (Hz)	50/60
Protection Level	IP54
Anti-Corrosion Level	Max. C5-H
Enclosure Material	Weathering/Stainless Steel Plate
Sound Level	Superior to IEC Standard ≥ 5dB
Appearance Color	RAL7035
Communication	RS485/Ethernet/Optical Fiber
Ambient Temperature	-25° ~+40° , Other Customization
Operating Standard	IEC 62271-202, IEC 60076, IEC 62271-200, IEC 62271-202, IEC 61439-1,EN 50588-1

Application Scenarios

-  Solar Power
-  Wind Power
-  Energy Storage
-  Distribution Networks
-  Oil & Gas, AIDC, Mining

Project References



Poland | Solar Noyak Project YBM29-24/2×0.8-6300



Romonia | Wind Urleasca Project YBM29-40.5/0.9-6350