

ContainerPower Energy Solutions

Open-air distribution cabinet container base station



Overview

What is a container substation?

An intelligent solution for obtaining direct current quickly and economically is provided by container substations. By integrating the equipment in a modular housing and undertaking rigorous testing off site, Siemens is able to supply fully built and tested modular traction power substations to a consistent and high level of quality.

What is an open air substation?

1. Open air substations Open air substations contain separately mounted and interconnected switching equipment and components, like current transformers (CTs), voltage transformers (VTs), busbar support insulators, cable sealing ends, etc., where atmospheric air provides the main insulation path to earth.

Which open air substation capacitor bank solutions are available?

Eaton's comprehensive line of Cooper Power series open air substation capacitor bank solutions are available in externally fused, fuseless or internally fused designs.

What is a small distribution substation?

Smaller distribution substations are subdivided into container-sized modules, which can be manufactured, assembled and tested at the factory, allowing easy transport and fast installation and commissioning at site.

What is a metal-enclosed substation?

Metal-enclosed substations may be either of the outdoor type, in which case the enclosure must protect the internally connected equipment against all prevailing environmental conditions, or alternatively the substation may be enclosed within a building or low-cost weatherproof housing. Go back to contents ↑ 3. Metal-clad.

Why is Hitachi energy developing a pre-fabricated Indoor Substation?

Customers requiring shorter overall delivery times and minimal on-site work have been the main drivers for Hitachi Energy's development of pre-fabricated indoor substations.

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