

Single-Phase HVDC Converter Transformer

This single-phase converter transformer is designed for high-voltage direct current (HVDC) transmission applications. It provides efficient power conversion for HVDC systems with a capacity of 3GW to 10GW.



ADDITIONAL IMAGES



Product Overview

High-Efficiency HVDC Conversion

This single-phase HVDC converter transformer is engineered for high-voltage power conversion applications up to $\pm 1100\text{kV}$. Designed with a robust construction, it features advanced cooling systems and insulation to ensure reliable performance in demanding industrial environments. The unit includes comprehensive monitoring systems for operational safety and is structured for efficient transport and installation.

Technical Specifications

Voltage Class	1100 kV
Capacity	600 MVA
Core Features	High-Voltage Insulation, Multi-Tank Design, Advanced Monitoring, Oil-Filled Conservator, Corrugated Tank Walls

Logistics and Dimensions

Max Transport Weight (Single Unit)	343 ton
Max Total Weight	504 ton
Dimensions (L x W x H)	25.5m x 7.9m x 14.5m