

ZGS Series Combined Substation

Reliable power supply, rational structure, convenient operation, economical and practical, aesthetic appearance, specifically designed and manufactured for urban distribution networks.



Nomenclature	Z		S		-		-		/	
	Combined Transformer	F: Separate tank type G: Common tank type	Three-phase	Technical level code	HV wiring scheme Z: Terminal / H: Ring Main			Rated capacity (kVA)		Voltage class (kV)

Product Overview	<p>ZGS series combined transformer, also known as American-style box-type transformer, is a series of products developed to meet the needs of urban and rural power grid construction, development, and transformation. It is a transformer that integrates the transformer active part, switchgear, fuses, tap changers, low-voltage distribution devices, and other corresponding auxiliary equipment, capable of meeting various configuration requirements such as energy metering, reactive power compensation, and low-voltage branching. As an independent complete power transformation and distribution assembly for 6–10kV AC 50Hz power grids with a rated capacity of 30–1600kVA, the ZGS series combined transformer can be used both outdoors and indoors. It is widely applicable to industrial parks, urban residential areas, commercial centers, road lighting, high-rise buildings, temporary construction sites, and other locations. Its advantages include: environmental protection, small footprint, and convenient installation.</p>
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Parameters	IP Protection Rating: IP44
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Product Features	Small size, compact structure, small footprint, and convenient installation
	Low loss, low noise, low temperature rise, strong above-nameplate capacity load capability, and strong sudden short-circuit resistance
	Fully enclosed and fully insulated structure, ensuring safe and reliable operation
	Flexible wiring methods, suitable for both terminal and ring main systems; convenient conversion improves power supply reliability
	Convenient operation, easy maintenance, short production cycle, and low engineering cost
	JB/T 10217-2013 Combined Transformers