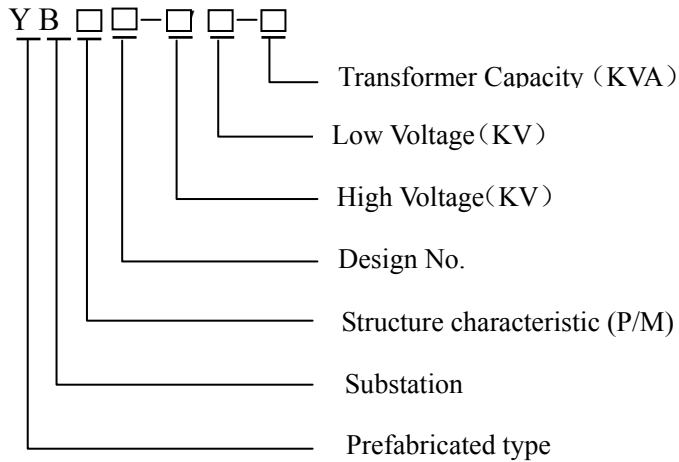


## YB Series Box Substation

### \*Model & Meaning



### \*General Introduction

YB series prefabricated substation is one kind of compact set of power distribution equipment that commonly known as European box substation. It consists of high voltage switchgear, low voltage switchgear, distribution transformers and case, which used as electric energy receiving and distribution in power using areas including: urban high buildings, construction, residential areas, high-tech development zones, small and medium factories and other temporary construction areas.

YB series prefabricated substation has the features of strong complete set, small, compact, safe and reliable, easy maintenance and mobile. Comparing with the conventional substation construction, the occupying space is only 1/10 to 1/5, which greatly reduces the workload of design and construction lead to less construction costs. In the distribution system, it can use for both ring distribution system and dual power distribution system terminal or radiation. So it is one kind of new power station equipment for urban and rural transformer substation construction and renovation.

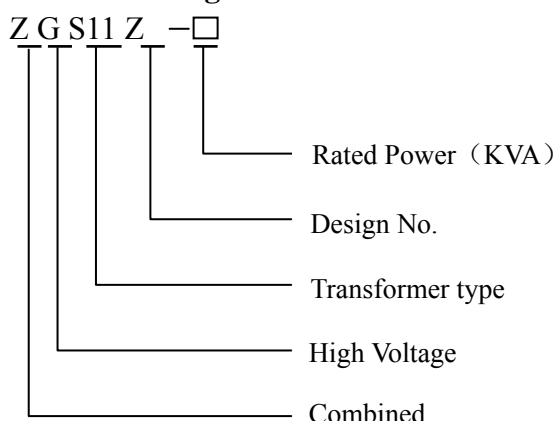
Our product conforms to SD320-1992 of box substation technical conditions, GB17467-1998 of high and low voltage prefabricated substation and other standards like IEC1330. The outer case material can be metallic, composite panels or steel base on customer requirement

### \*Technical Parameters

Item	Unit	H.V. Switchgear	Transformer	L.V. Switchgear
Rated Voltage	KV	7.2/12	11/0.415	0.415/0.433
Rated Current	A	200~630	/	100~3000
Rated Frequency	Hz	50	50	50
Rated Power	KVA	/	50~1250	/
Power frequency withstand voltage 1min	KV	Phase-earth and phase-phase 32、40	Oil-immersed:35/5min	≤300V:2KV
		34、48	Dry-type:28/5min	300、600V:2.5KV
Lightning impulse	KV	Phase-earth and phase-phase 60、75	75	/
		Isolation fracture:75、85	75	/
Noise level	db	/	Oil-immersed:55	/
			Dry-type:65	
Protection degree	/	/	IP23	/
External dimension	mm	1825×1400×2020~3945×1560×2020		

## ZGS Series Box Substation

### \*Model & Meaning



### \*General Introduction

ZGS11 modular substation is characterized with small size, compact structure, reliable, easy installation, can achieve single and double power supply or ring network power supply, double fuse protection, low operating cost, which is widely used in industrial parks, residential areas, commercial centers and high buildings and other places. Case is electrostatic spray that has strong wear ability, which can be used to ring network. It has single, dual power supplies, can be converted easily that to improve the reliability of power supply. Transformer is green - S11 series that featured with energy saving, low noise. HV load switch and fuse protection are within oiling metal box, and the box is fully sealed. Low pressure chamber is equipped with power meter, voltage meter, three-phase ammeter and 4 outlet circuit breaker. Moreover, we can also install power automatic adjustment function base on user requirements.

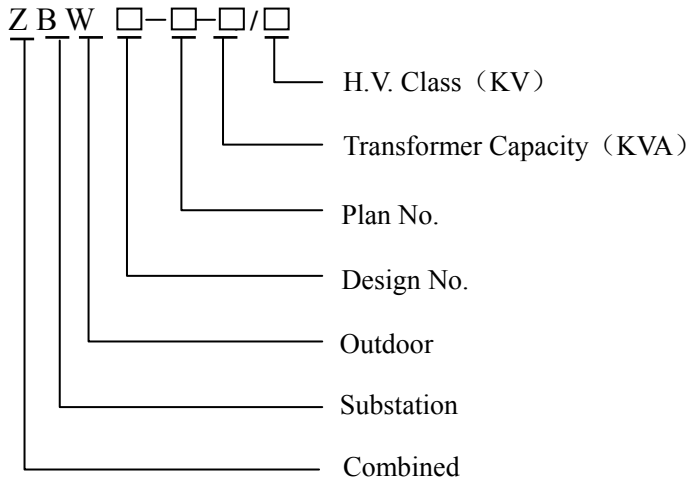
Our product conform with SD320-1992 of Box-type substation technical conditions, GB17467-1998 of high and low voltage prefabricated substation and other standards like IEC1330. The outer case material can use metallic, composite panels or steel base on customer requirement.

### \*Technical Parameters

Item		Unit	Parameters
Rated Voltage	Primary	KV	12
	Secondary	KV	0.415/0.433
Rated Power	/	KVA	100~1600
No-load tap changer	/	%	±2*2.5
Vector group	/	/	△/Yn11
Rated insulation level	Lightning impulse withstand voltage (full wave, peak)	KV	75
	Power frequency withstand voltage 1min	KV	35
LV side power frequency withstand voltage, phase-phase and phase-earth(1min)	Main Circuit	KV	2.5
	Control and measuring circuit	KV	2.0
Noise Level	/	db	50
Protection degree	/	/	IP34
Cooling method	/	/	ONAN

## ZBW Series Box Substation

### \*Model & Meaning



### \*General Introduction

ZBW series prefabricated substation is one kind of compact set of power distribution equipment that commonly known as European box substation. It consists of high voltage switchgear, low voltage switchgear, distribution transformers and case, which used as electric energy receiving and distribution in power using areas including: urban high buildings, construction, residential areas, high-tech development zones, small and medium factories and other temporary construction areas.

ZBW series prefabricated substation has the features of strong complete set, small, compact, safe and reliable, easy maintenance and mobile. Comparing with the conventional substation construction, the occupying space is only 1/10 to 1/5, which greatly reduces the workload of design and construction lead to less construction costs. In the distribution system, it can use for both ring distribution system and dual power distribution system terminal or radiation. So it is one kind of new power station equipment for urban and rural transformer substation construction and renovation.

Our product conforms to SD320-1992 of box substation technical conditions, GB17467-1998 of high and low voltage prefabricated substation and other standards like IEC1330. The outer case material can be metallic, composite panels or steel base on customer requirement.

### \*Technical Parameters

Item	Unit	H.V. Switchgear	Transformer	L.V. Switchgear
Rated Voltage	KV	7.2/12	11/0.415	0.415/0.433
Rated Current	A	200~630	/	100~3000
Rated Frequency	Hz	50	50	50
Rated Power	KVA	/	50~1250	/
Power frequency withstand voltage 1min	KV	Phase-earth and phase-phase:75	Oil-immersed:35/5min	≤300V:25KV
		Isolation fracture:85	Dry-type:28/5min	>300V:2.5KV
Lightning impulse	KV	Phase-earth and phase-phase 75	75	/
		Isolation fracture:85	75	/
Noise level	db	/	Oil-immersed:55	/
			Dry-type:65	
Protection degree	/	IP3X	IP2X	IP30