VOLTAGE STABILIZER
TRANSFORMER
VOLTAGE REGULATOR

MAKE ELECTRICITY
SIMPLER AND SAFER

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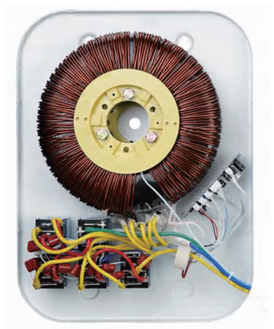
VOLTAGE STABILIZER

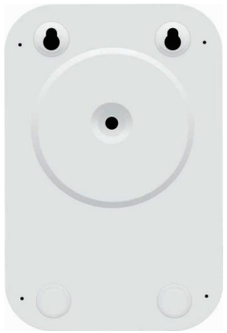
TKB Series
1000VA-10000VA

1000VA~2000VA　3000VA~5000VA　8000VA~10000VA

- Wall-mounted type
- Relay type
- Digital display

PRODUCT DETAILS





WORKING PRINCIPLE OF RELAY-TYPE VOLTAGE STABILIZER

The relay type voltage stabilizer achieves voltage stabilization through relay switch control. Its working principle is based on voltage feedback and load regulation.The stabilizer circuit consists of an input terminal,an output terminal,and a voltage feedback loop. The voltage feedback loop continuously monitors the output voltage. When the detected voltage exceeds or falls below the preset value, the feedback signal controls the switching state of the relay, adjusting the connection or disconnection of the current path to maintain a stable output voltage.

TECHNICAL PARAMETERS

Model		TKB-1000VA	TKB-2000VA	TKB-3000VA	TKB-5000VA	TKB-8000VA	TKB-10000VA
Phase		Single phase					
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)					
Output voltage		AC 220V or customized					
Frequency		50Hz/60Hz					
Precision		±10% or customized					
Efficiency		>95%					
Control type		Relay type					
Digital display		Show input and output voltage,Load Ratio and Fault Indicator					
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay					
Ambient temperature		-10°C~+ 40°C					
Relative Humidity		<95%					
Waveform Distortion		No additional wave form distortion					
Insulating Resistance		Normally more than 2MΩ					
Insulating Class		Class B					
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V					
	Low voltage	Output Voltage ≤ 180V ± 4V					
	Over temperature	95°C±10°C					
	Delay time	Long time(180 second) / short time(6 second)					
	Undervoltage	Disabled by default, customizable if needed					
Power		1000VA	2000VA	3000VA	5000VA	8000VA	10000VA
Size(mm) L*W*H		305*200*85	305*200*85	370*250*105	370*250*105	335*120*440	335*120*440
N.W(kg)		3.9	4.34	6.34	8.3	8.92	16.35
The size and weight vary depending on the voltage range, and are subject to the customized actual product.							

VOLTAGE STABILIZER

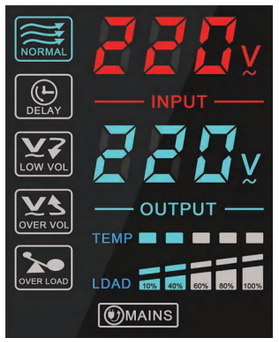
TKB Series
15KVA-30KVA

TKB-15KVA

TKB-30KVA

- Vertical type
- Relay type
- Digital display

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model		TKB-15KVA	TKB-20KVA	TKB-30KVA
Phase		Single phase		
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)		
Output voltage		AC 220V or customized		
Frequency		50Hz/60Hz		
Precision		±10% or customized		
Efficiency		>95%		
Control type		Relay type		
Digital display		Show input and output voltage,Load Ratio and Fault Indicator		
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay		
Ambient temperature		-10°C~+ 40°C		
Relative Humidity		<95%		
Waveform Distortion		No additional wave form distortion		
Insulating Resistance		Normally more than 2MΩ		
Insulating Class		Class B		
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V		
	Low voltage	Output Voltage ≤ 180V ± 4V		
	Over temperature	95°C±10°C		
	Delay time	Long time(180 second) / short time(6 second)		
	Undervoltage	Disabled by default, customizable if needed		
Power		TKB-15KVA	TKB-20KVA	TKB-30KVA
Size(mm) L*W*H		302*294*388	302*294*458	349*344*50.8
N.W(kg)		21.62	27.65	33.63
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

VOLTAGE STABILIZER

TMB Series
500VA-30KVA

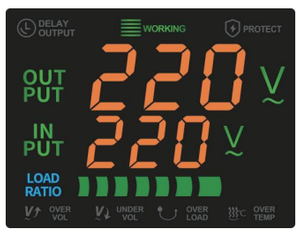
1000VA~2000VA

3000VA~5000VA

10000VA

- Vertical type/Wall-mounted type
- Relay type
- Digital display

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model		TMB-500VA / TMB-5000VA	TMB-1000VA / TMB-10KVA	TMB-1500VA / TMB-15KVA	TMB-2000VA / TMB-20KVA	TMB-3000VA / TMB-30KVA
Phase		Single phase				
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±10% or customized				
Efficiency		>95%				
Control type		Relay type				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay time	Long time(180 second) / short time(6 second)				
	Undervoltage	Disabled by default, customizable if needed				
Power		1000VA	1500VA	2000VA		
Size(mm) L*W*H		153*76*234	153*76*234	162*90*248		
N.W(kg)		2.4	2.98	3.98		
Power		3000VA	5000VA	10000VA		
Size(mm) L*W*H		182*134*285	300*177*346	330*196*376		
N.W(kg)		6.87	10.07	16.93		
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

VOLTAGE STABILIZER

DMB Series
500VA-30KVA

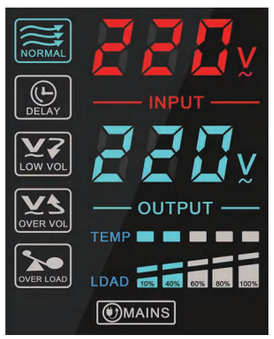
1000VA~2000VA

3000VA~5000VA

10000VA

- Vertical type/Wall-mounted type
- Relay type
- Digital display

PRODUCT DETAILS

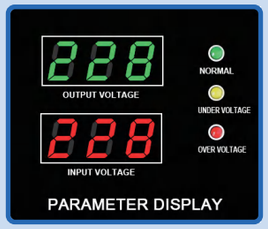


TECHNICAL PARAMETERS

Model		DMB-500VA / DMB-5000VA	DMB-1000VA / DMB-10KVA	DMB-1500VA / DMB-15KVA	DMB-2000VA / DMB-20KVA	DMB-3000VA / DMB-30KVA
Phase		Single phase				
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±10% or customized				
Efficiency		>95%				
Control type		Relay type				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay time	Long time(180 second) / short time(6 second)				
	Undervoltage	Disabled by default, customizable if needed				
Power			1000VA	1500VA	2000VA	
Size(mm) L*W*H			153*76*234	153*76*234	162*90*248	
N.W(kg)			2.4	2.98	3.98	
Power			3000VA	5000VA	10000VA	
Size(mm) L*W*H			182*134*285	300*177*346	330*196*376	
N.W(kg)			6.87	10.07	16.93	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

VOLTAGE STABILIZER

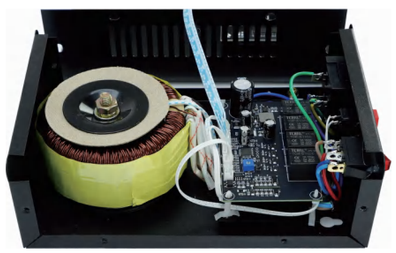
DNB Series
500VA-30KVA



DNB-5000VA　DNB-10000VA　DNB-20000VA

- Vertical type/Wall-mounted type
- Relay type
- Digital display

PRODUCT DETAILS

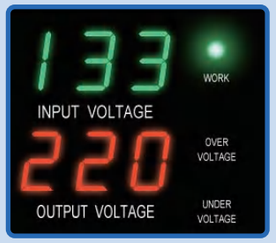


TECHNICAL PARAMETERS

Model		DNB-500VA	DNB-1000VA	DNB-1500VA	DNB-2000VA	DNB-3000VA
		DNB-5000VA	DNB-10KVA	DNB-15KVA	DNB-20KVA	DNB-30KVA
Phase		Single phase				
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±10% or customized				
Efficiency		>95%				
Control type		Relay type				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay time	Long time(180 second) / short time(6 second)				
	Undervoltage	Disabled by default, customizable if needed				
Power		500VA	1000VA	1500VA	2000VA	3000VA
Size(mm) L*W*H		153*76*234	153*76*234	153*76*234	162*90*248	182*134*285
N.W(kg)		2.1	2.4	2.98	3.98	6.73
Power		5000VA	10KVA	15KVA	20KVA	30KVA
Size(mm) L*W*H		300*177*346	330*196*376	302*294*388	302*294*458	349*344*508
N.W(kg)		10	16.93	21.62	27.65	33.63
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

VOLTAGE STABILIZER

DVT Series
500VA-5000VA

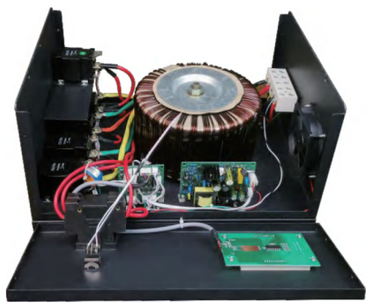


500VA-1500VA

2000VA-5000VA

- Vertical type
- Relay type
- Digital display

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model		DVT-500VA	DVT-1000VA	DVT-1500VA	DVT-2000VA	DVT-3000VA	DVT-5000VA
Phase		Single phase					
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)					
Output voltage		AC 220V or customized					
Frequency		50Hz/60Hz					
Precision		±10% or customized					
Efficiency		>95%					
Control type		Relay type					
Digital display		Show input and output voltage,Load Ratio and Fault Indicator					
Protection		Over temperature, Overvoltage, Undervoltage, Time delay					
Ambient temperature		-10°C~+ 40°C					
Relative Humidity		<95%					
Waveform Distortion		No additional wave form distortion					
Insulating Resistance		Normally more than 2MΩ					
Insulating Class		Class B					
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V					
	Low voltage	Output Voltage ≤ 180V ± 4V					
	Over temperature	95°C±10°C					
	Delay time	Long time(180 second) / short time(6 second)					
	Undervoltage	Disabled by default, customizable if needed					
Power		500VA	1000VA	1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		157*240*180	157*240*180	157*240*180	220*342*245	220*342*245	220*342*245
The size and weight vary depending on the voltage range, and are subject to the customized actual product.							

VOLTAGE STABILIZER

DCT Series
500VA-5000VA

- Vertical type
- Relay type
- Digital display

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		DCT-500VA	DCT-1000VA	DCT-1500VA	DCT-2000VA	DCT-3000VA	DCT-5000VA
Phase		Single phase					
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)					
Output voltage		AC 220V or customized					
Frequency		50Hz/60Hz					
Precision		±10% or customized					
Efficiency		>95%					
Control type		Relay type					
Digital display		Show input and output voltage,Load Ratio and Fault Indicator					
Protection		Over temperature, Overvoltage, Undervoltage, Time delay					
Ambient temperature		-10°C~+ 40°C					
Relative Humidity		<95%					
Waveform Distortion		No additional wave form distortion					
Insulating Resistance		Normally more than 2MΩ					
Insulating Class		Class B					
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V					
	Low voltage	Output Voltage ≤ 180V ± 4V					
	Over temperature	95°C±10°C					
	Delay time	Long time(180 second) / short time(6 second)					
	Undervoltage	Disabled by default, customizable if needed					
Power		500VA	1000VA	1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		159*172*240	159*172*240	159*172*240	159*172*240	220*233*315	220*233*315
The size and weight vary depending on the voltage range, and are subject to the customized actual product.							

VOLTAGE STABILIZER

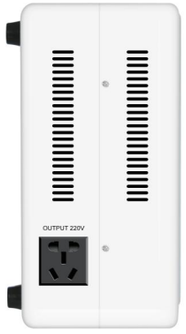
TKR Series
1500VA-5000VA

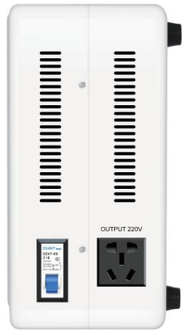
1500VA~2000VA

3000VA~5000VA

- Vertical type/Wall-mounted type
- Relay type
- Digital display

PRODUCT DETAILS





TECHNICAL PARAMETERS

Model		TKR-1500VA	TKR-2000VA	TKR-3000VA	TKR-5000VA
Phase		Single phase			
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)			
Output voltage		AC 220V or customized			
Frequency		50Hz/60Hz			
Precision		±10% or customized			
Efficiency		>95%			
Control type		Relay type			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Over temperature	95°C±10°C			
	Delay time	Long time(180 second) / short time(6 second)			
	Undervoltage	Disabled by default, customizable if needed			
Power		1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		230*200*115	230*200*115	290*220*155	290*220*155
N.W(kg)		2.5	3.6	7.6	10.6
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

Universal Enclosure for Relay-Type and Servo-Type

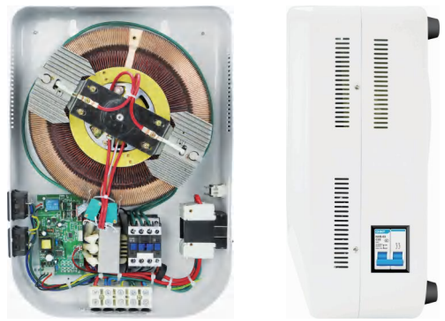
DVB/SVB Series

3000VA-12000VA

- Wall-mounted type
- Relay type/Servo motor
- Digital display

RELAY TYPE

SERVO TYPE



TECHNICAL PARAMETERS

Model		DVB-3000VA / SVB-3000VA	DVB-5000VA / SVB-5000VA	DVB-8000VA / SVB-8000VA	DVB-10000VA / SVB-10000VA	DVB-12000VA / SVB-12000VA
Phase		Single phase				
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±3%, ±10% or customized				
Efficiency		>95%				
Control type		Relay type/Servo motor				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay time	Long time(180 second) / short time(6 second)				
	Undervoltage	Disabled by default, customizable if needed				
Power		3000VA	5000VA	8000VA	10000VA	12000VA
Size(mm) L*W*H		264*145*375	280*170*405	300*180*440	300*200*450	300*200*450
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

VOLTAGE STABILIZER

Universal Enclosure for Relay-Type and Servo-Type

DTB/STB Series

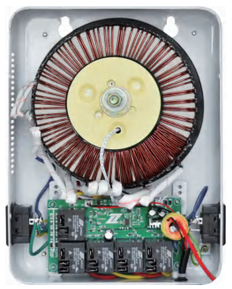
500VA-10000VA

DTB-5000VA

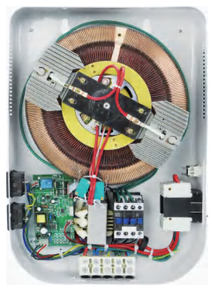
STB-10000VA

- Wall-mounted type
- Relay type/Servo motor
- Digital display

RELAY TYPE



SERVO TYPE

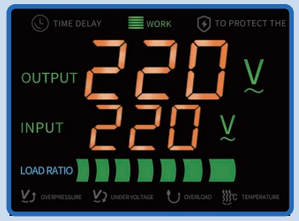


TECHNICAL PARAMETERS

Model		DTB-500VA	DTB-1000VA	DTB-1500VA	DTB-2000VA
		DTB-3000VA	DTB-5000VA	DTB-8000VA	DTB-10000VA
		STB-500VA	STB-1000VA	STB-1500VA	STB-2000VA
		STB-3000VA	STB-5000VA	STB-8000VA	STB-10000VA
Phase		Single phase			
Input voltage		AC 45-260V, 80-260V, 100-260V, 140-260V (or customized)			
Output voltage		AC 220V or customized			
Frequency		50Hz/60Hz			
Precision		±3%, ±10% or customized			
Efficiency		>95%			
Control type		Relay type/Servo motor			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Over temperature, Overvoltage, Undervoltage, Overload, Time delay			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Over temperature	95°C±10°C			
	Delay time	Long time(180 second) / short time(6 second)			
	Undervoltage	Disabled by default, customizable if needed			
Power		500VA	1000VA	1500VA	2000VA
Size(mm) L*W*H		182*130*282	182*130*282	182*130*282	182*130*282
Power		3000VA	5000VA	8000VA	10000VA
Size(mm) L*W*H		263*145*375	280*170*405	300*180*440	300*180*400
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

SVC-B Series
1000VA-12000VA

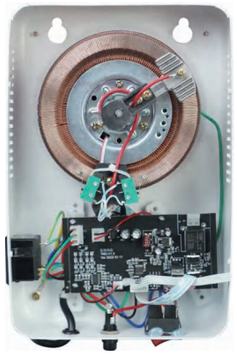


SVC-1000VA

SVC-B10000VA

- Wall-mounted type
- Servo motor
- Digital display

PRODUCT DETAILS



WORKING PRINCIPLE OF SERVO VOLTAGE STABILIZER

A servo voltage stabilizer is a device designed to maintain a stable output voltage.It consists of a voltage regulation circuit, a control circuit, and a servo motor. When the input voltage or load fluctuates, the control circuit samples, compares, and amplifies the signal, then drives the servo motor to adjust the position of the carbon brush on the voltage regulator. By automatically adjusting the coil turns ratio, the stabilizer ensures a steady output voltage.

TECHNICAL PARAMETERS

Model		SVC-1000VA	SVC-2000VA	SVC-3000VA	SVC-5000VA
		SVC-B10000VA	SVC-B12000VA		
Phase		Single phase			
Input voltage		AC 110-260V, 140-260V (or customized)			
Output voltage		AC 220V or customized			
Frequency		50Hz/60Hz			
Precision		±3% or customized			
Efficiency		>95%			
Control type		Servo motor			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Overvoltage, Overload, Time delay			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Delay protection	Customizable			
	Undervoltage	Disabled by default, customizable if needed			
Power		10000VA	12000VA		
Size(mm) L*W*H		310*190*450	310*190*450		
N.W(kg)		24.1	25.1		
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

SKW Series
8000VA-15KVA

SKW-8000VA

SKW-15KVA

- Vertical type/Wall-mounted type
- Servo motor
- Digital display

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		SKW-8000VA	SKW-10KVA	SKW-15KVA
Phase		Single phase		
Input voltage		AC 110-260V, 140-260V (or customized)		
Output voltage		AC 220V or customized		
Frequency		50Hz/60Hz		
Precision		±3% or customized		
Efficiency		>95%		
Control type		Servo motor		
Digital display		Show input and output voltage,Load Ratio and Fault Indicator		
Protection		Overvoltage, Overload, Time delay		
Ambient temperature		-10°C~+ 40°C		
Relative Humidity		<95%		
Waveform Distortion		No additional wave form distortion		
Insulating Resistance		Normally more than 2MΩ		
Insulating Class		Class B		
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V		
	Low voltage	Output Voltage ≤ 180V ± 4V		
	Delay protection	Customizable		
	Undervoltage	Disabled by default, customizable if needed		
Power		8000VA	10KVA	15KVA
Size(mm) L*W*H		350*320*495	350*320*495	350*400*610
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

VOLTAGE STABILIZER

SVC Series
1000VA-5000VA

SVC-2000VA

SVC-2000VA

- Vertical type
- Servo motor
- Pointer type

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		SVC-1000VA	SVC-1500VA	SVC-2000VA	SVC-3000VA	SVC-5000VA
Phase		Single phase				
Input voltage		AC 110-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±3% or customized				
Efficiency		>95%				
Control type		Servo motor				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay protection	Customizable				
	Undervoltage	Disabled by default, customizable if needed				
Power		1000VA	1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		212*196*155	212*196*155	240*260*185	235*290*215	245*315*250
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

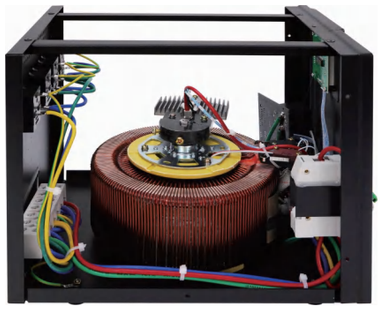
VOLTAGE STABILIZER

AVR Series
500VA-5000VA

AVR-2000VA　　AVR-5000VA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model		AVR-500VA	AVR-1000VA	AVR-1500VA	AVR-2000VA	AVR-3000VA	AVR-5000VA
Phase		Single phase					
Input voltage		AC 110-260V, 140-260V (or customized)					
Output voltage		AC 220V or customized					
Frequency		50Hz/60Hz					
Precision		±3% or customized					
Efficiency		>95%					
Control type		Servo motor					
Digital display		Show input and output voltage,Load Ratio and Fault Indicator					
Protection		Over temperature, Overvoltage, Overload, Time delay					
Ambient temperature		-10°C~+ 40°C					
Relative Humidity		<95%					
Waveform Distortion		No additional wave form distortion					
Insulating Resistance		Normally more than 2MΩ					
Insulating Class		Class B					
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V					
	Low voltage	Output Voltage ≤ 180V ± 4V					
	Over temperature	95°C±10°C					
	Delay protection	Customizable					
	Undervoltage	Disabled by default, customizable if needed					
Power		500VA	1000VA	1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		170*190*145	206*217*165	206*217*165	241*262*186	236*292*216	245*310*250
The size and weight vary depending on the voltage range, and are subject to the customized actual product.							

VOLTAGE STABILIZER

TND5 Series
1000VA-5000VA

1000VA~1500VA

2000VA~3000VA

- Vertical type
- Servo motor
- Digital display

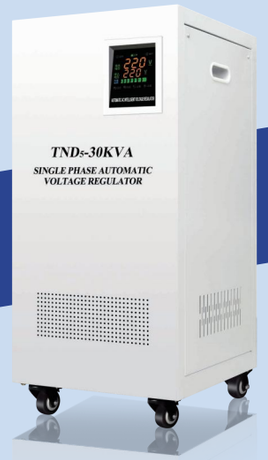
PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		TND5-1000VA	TND5-1500VA	TND5-2000VA	TND5-3000VA	TND5-5000VA
Phase		Single phase				
Input voltage		AC 110-260V, 140-260V (or customized)				
Output voltage		AC 220V or customized				
Frequency		50Hz/60Hz				
Precision		±3% or customized				
Efficiency		>95%				
Control type		Servo motor				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Over temperature, Overvoltage, Overload, Time delay				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V				
	Low voltage	Output Voltage ≤ 180V ± 4V				
	Over temperature	95°C±10°C				
	Delay protection	Customizable				
	Undervoltage	Disabled by default, customizable if needed				
Power		1000VA	1500VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		210*200*165	210*200*165	240*290*200	240*290*200	245*310*230
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

TND5 Series
10KVA-60KVA

10KVA~20KVA

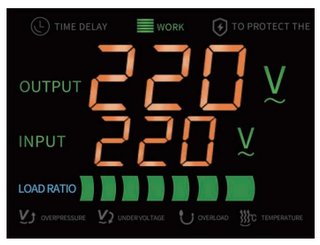


30KVA~40KVA(conventional)

40KVA~60KVA(low voltage)

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model		TND5-10KVA	TND5-15KVA	TND5-20KVA	TND5-30KVA
		TND5-40KVA	TND5-50KVA	TND5-60KVA	
Phase		Single phase			
Input voltage		AC 110-260V, 140-260V (or customized)			
Output voltage		AC 220V or customized			
Frequency		50Hz/60Hz			
Precision		±3%			
Efficiency		>95%			
Control type		Servo motor			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Overvoltage, Overload, Time delay			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Delay protection	Customizable			
	Undervoltage	Disabled by default, customizable if needed			
Power		10KVA	15KVA	20KVA	30KVA
Size(mm) L*W*H		345*320*540	405*355*610	405*355*610	405*355*780
N.W(kg)		32	44.5	48.5	61.5
Power		40KVA	50KVA	60KVA	
Size(mm) L*W*H		405*355*780	550*400*1040	550*400*1040	
N.W(kg)		67.5	136.5	146.5	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

Voltage stabilizer and transformer integrated machine

WBT-D/S Series

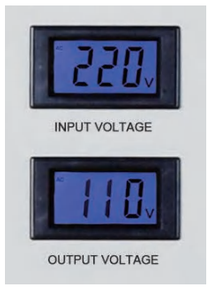
3KVA-50KVA

WBT-D-10KVA

WBT-S-10KVA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS

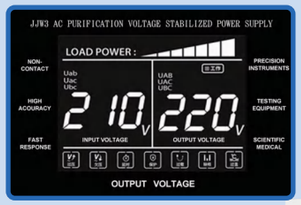


TECHNICAL PARAMETERS

Model	Single phase voltage stabilizer and transformer integrated machine	**WBT-D-3KVA**	**WBT-D-5KVA**	**WBT-D-10KVA**	**WBT-D-15KVA**
		WBT-D-20KVA	**WBT-D-30KVA**	**WBT-D-40KVA**	**WBT-D-50KVA**
	Three phase voltage stabilizer and transformer integrated machine	**WBT-S-3KVA**	**WBT-S-5KVA**	**WBT-S-10KVA**	**WBT-S-15KVA**
		WBT-S-20KVA	**WBT-S-30KVA**	**WBT-S-40KVA**	**WBT-S-50KVA**
Phase		Single phase			
Input voltage		AC 150-250V or customized			
Output voltage		AC 110V or customized			
Frequency		50Hz/60Hz			
Precision		±3%			
Power factor		≤95%			
Control type		Servo motor			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Overvoltage, Overload, Short circuit, Over temperature			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Over temperature	95°C±10°C			
	Delay protection	Customizable			
	Undervoltage	Disabled by default, customizable if needed			
The device integrates voltage conversion and stabilization functions.					
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

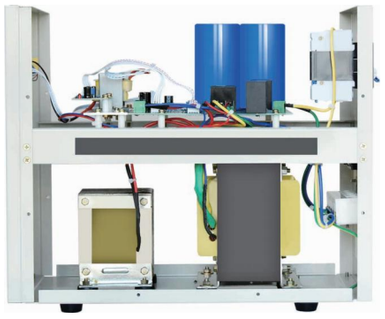
VOLTAGE STABILIZER

JJW3 Series
1000VA-30KVA



- Vertical type
- Thyristor electronic control
- Digital display

PRODUCT DETAILS



WORKING PRINCIPLE OF PRECISION PURIFICATION VOLTAGE STABILIZER

The JJW/JSW series precision purification AC voltage stabilizer adopts advanced sine wave energy distribution power regulation technology, representing the latest development in AC voltage stabilization.Its circuit consists of a sine wave energy distributor and a high-power filter connected in parallel. This design provides high voltage regulation accuracy, strong overload capacity, high reliability,excellent anti-interference capability, and high efficiency.The stabilizer is designed for long-term continuous operation, ensuring a long service life and stable performance.

TECHNICAL PARAMETERS

Model		JJW3-1000VA JJW3-10KVA	JJW3-2000VA JJW3-15KVA	JJW3-3000VA JJW3-20KVA	JJW3-5000VA JJW3-30KVA
Phase		Single phase			
Input voltage		AC 175-255V or customized			
Output voltage		AC 220V or customized			
Frequency		50Hz/60Hz			
Precision		±1%			
Efficiency		>95%			
Control type		Thyristor electronic control			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Overvoltage, Overload, Short circuit, Over temperature			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Protection	Overvoltage	Output Voltage ≥ 245V ± 4V			
	Low voltage	Output Voltage ≤ 180V ± 4V			
	Over temperature	95°C±10°C			
	Delay protection	Customizable			
	Undervoltage	Disabled by default, customizable if needed			
Power		1000VA	2000VA	3000VA	5000VA
Size(mm) L*W*H		175*355*298	185*390*368	195*410*368	225*460*408
Power		10KVA	15KVA	20KVA	30KVA
Size(mm) L*W*H		260*495*555	290*560*630	290*560*630	350*600*620
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

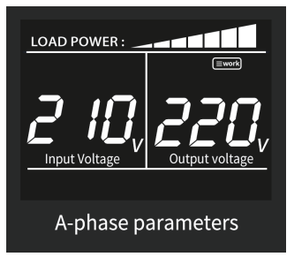
JSW Series
3KVA-100KVA

JSW-30KVA

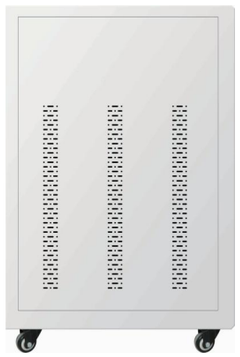
JSW-30KVA

- Vertical type
- Static type
- Digital display

PRODUCT DETAILS



A-phase parameters



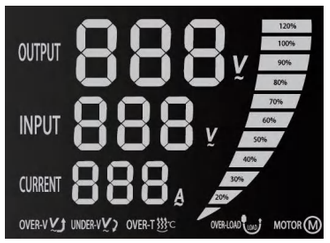
TECHNICAL PARAMETERS

Model		JSW-3KVA	JSW-6KVA	JSW-10KVA	JSW-15KVA	JSW-20KVA
		JSW-30KVA	JSW-50KVA	JSW-60KVA	JSW-80KVA	JSW-100KVA
Phase		Three phase				
Input voltage		AC 323-437V or customized				
Output voltage		380V±1%				
Frequency		50Hz/60Hz				
Precision		±1%				
Efficiency		>95%				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Overvoltage, Overload, Short circuit, Over temperature				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V				
	Low voltage	Output Voltage ≤ 310V ± 4V				
	Over temperature	95°C±10°C				
	Delay protection	Customizable				
	Undervoltage	Disabled by default, customizable if needed				
Power		3KVA	6KVA	10KVA	15KVA	20KVA
Size(mm) L*W*H		350*650*570	350*650*570	350*650*570	350*665*815	350*665*815
N.W(kg)		37	50	63	76	104
Power		30KVA	50KVA	60KVA	80KVA	100KVA
Size(mm) L*W*H		450*665*815	450*695*1115	450*695*1115	570*780*1445	570*780*1445
N.W(kg)		130	148	168	220	260
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

TNS5 Series
20KVA-120KVA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS



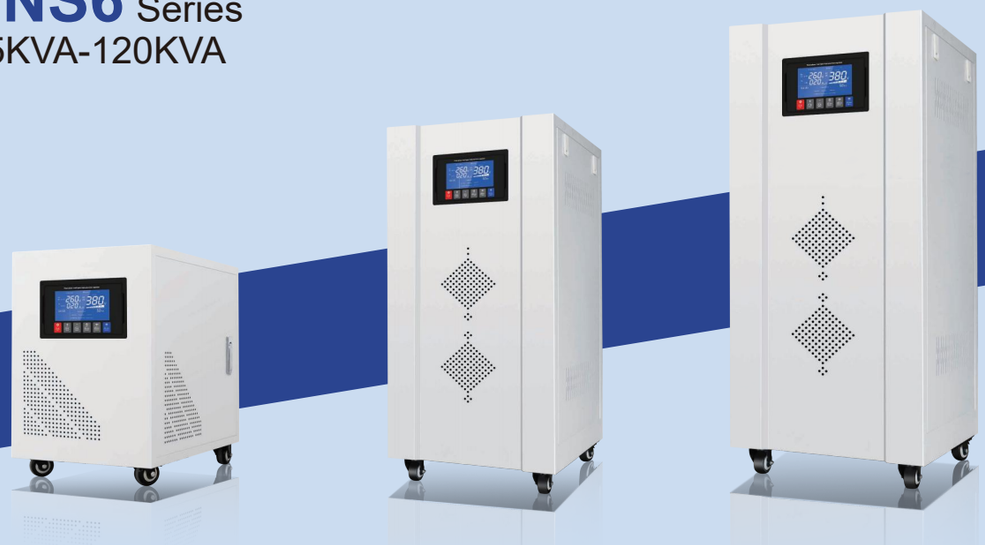
WORKING PRINCIPLE OF SERVO VOLTAGE STABILIZER

A servo voltage stabilizer is a device designed to maintain a stable output voltage.It consists of a voltage regulation circuit, a control circuit, and a servo motor. When the input voltage or load fluctuates, the control circuit samples, compares, and amplifies the signal, then drives the servo motor to adjust the position of the carbon brush on the voltage regulator. By automatically adjusting the coil turns ratio, the stabilizer ensures a steady output voltage.

TECHNICAL PARAMETERS

Model		TNS5-20KVA TNS5-60KVA	TNS5-30KVA TNS5-80KVA	TNS5-40KVA TNS5-100KVA	TNS5-50KVA TNS5-120KVA
Phase		Three phase			
Input voltage		AC 260-450V, 304-456V or customized			
Output voltage		AC 380V or customized			
Frequency		50Hz/60Hz			
Precision		±3%			
Efficiency		>95%			
Control type		Servo motor			
Digital display		Show input and output voltage,Load Ratio and Fault Indicator			
Protection		Overvoltage, Overload, Time delay			
Ambient temperature		-10°C~+ 40°C			
Relative Humidity		<95%			
Waveform Distortion		No additional wave form distortion			
Insulating Resistance		Normally more than 2MΩ			
Insulating Class		Class B			
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V			
	Low voltage	Output Voltage ≤ 310V ± 4V			
	Delay protection	Customizable			
	Undervoltage	Disabled by default, customizable if needed			
Power		20KVA	30KVA	40KVA	50KVA
Size(mm) L*W*H		490*320*520	410*460*880	410*460*880	450*550*1195
Power		60KVA	80KVA	100KVA	120KVA
Size(mm) L*W*H		450*550*1195	520*620*1335	520*620*1335	520*620*1335
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

TNS6 Series
15KVA-120KVA



15KVA~20KVA | 30KVA~40KVA | 80KVA~120KVA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		TNS6-15KVA	TNS6-20KVA	TNS6-30KVA	TNS6-40KVA	TNS6-50KVA
		TNS6-60KVA	TNS6-80KVA	TNS6-100KVA	TNS6-120KVA	
Phase		Three phase				
Input voltage		AC 260-450V, 304-456V or customized				
Output voltage		AC 380V or customized				
Frequency		50Hz/60Hz				
Precision		±3%				
Efficiency		>95%				
Control type		Servo motor				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Overvoltage, Overload, Short circuit, Over temperature				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V				
	Low voltage	Output Voltage ≤ 310V ± 4V				
	Over temperature	95°C±10°C				
	Delay protection	Customizable				
	Undervoltage	Disabled by default, customizable if needed				
Power		15KVA	20KVA	30KVA	40KVA	50KVA
Size(mm) L*W*H		490*320*520	490*320*520	415*470*880	415*470*880	450*560*1195
N.W(kg)		40.5	47	89.5	98	123
Power		60KVA	80KVA	100KVA	120KVA	
Size(mm) L*W*H		450*560*1195	540*620*1345	540*620*1345	540*620*1345	
N.W(kg)		137.5	159	192	200.5	

The size and weight vary depending on the voltage range, and are subject to the customized actual product.

VOLTAGE STABILIZER

SJW3 Series
10KVA-120KVA

10KVA~20KVA | 30KVA~40KVA | 80KVA~120KVA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	SJW3-10KVA	SJW3-20KVA	SJW3-15KVA	SJW3-30KVA	SJW3-40KVA
	SJW3-50KVA	SJW3-60KVA	SJW3-80KVA	SJW3-100KVA	SJW3-120KVA
Phase	Three phase				
Input voltage	AC 260-450V, 304-456V or customized				
Output voltage	AC 380V or customized				
Frequency	50Hz/60Hz				
Precision	±3%				
Efficiency	>95%				
Control type	Servo motor				
Digital display	Show input and output voltage,Load Ratio and Fault Indicator				
Protection	Overvoltage, Overload, Short circuit, Over temperature				
Ambient temperature	-10°C~+ 40°C				
Relative Humidity	<95%				
Waveform Distortion	No additional wave form distortion				
Insulating Resistance	Normally more than 2MΩ				
Insulating Class	Class B				
Protection – Overvoltage	Output Voltage ≥ 425V ± 4V				
Protection – Low voltage	Output Voltage ≤ 310V ± 4V				
Protection – Over temperature	95°C±10°C				
Protection – Delay protection	Customizable				
Protection – Undervoltage	Disabled by default, customizable if needed				
Power	10KVA	15KVA	20KVA	30KVA	40KVA
Size(mm) L*W*H	490*320*520	490*320*520	490*320*520	410*460*880	410*460*880
N.W(kg)	35.5	41	46.5	85.5	95.5
Power	50KVA	60KVA	80KVA	100KVA	120KVA
Size(mm) L*W*H	450*550*1195	450*550*1195	520*620*1335	520*620*1335	520*620*1335
N.W(kg)	121.5	136	158.5	186	198
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

VOLTAGE STABILIZER

Three phase simultaneous control stabilizer

SBW-N Series
50KVA-800KVA

50KVA~200KVA

250KVA

300KVA~400KVA

- Vertical type
- Servo motor
- Touchscreens
- Three phase simultaneous control stabilizer

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	SBW-N-50KVA	SBW-N-60KVA	SBW-N-80KVA	SBW-N-100KVA	SBW-N-120KVA
	SBW-N-150KVA	SBW-N-200KVA	SBW-N-250KVA	SBW-N-300KVA	SBW-N-350KVA
	SBW-N-400KVA	SBW-N-500KVA	SBW-N-600KVA	SBW-N-800KVA	

Phase		Three phase
Input voltage		AC 304-456V or customized
Output voltage		AC 380V or customized
Frequency		50Hz/60Hz
Precision		±3%
Efficiency		>95%
Control type		Servo motor
Digital display		Show input and output voltage,Load Ratio and Fault Indicator
Protection		Overvoltage, Overload, Short circuit, Over temperature
Ambient temperature		-10°C~+ 40°C
Relative Humidity		<95%
Waveform Distortion		No additional wave form distortion
Insulating Resistance		Normally more than 2MΩ
Insulating Class		Class B
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V
	Low voltage	Output Voltage ≤ 360V ± 4V
	Over temperature	95°C±10°C
	Delay protection	Customizable
	Undervoltage	Disabled by default, customizable if needed

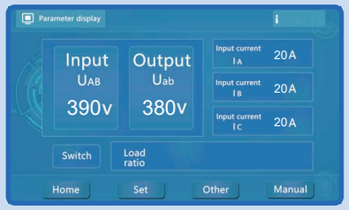
Power	50KVA	60KVA	80KVA	100KVA	120KVA	150KVA	200KVA
Size(mm) L*W*H	885*550*1200	885*550*1200	885*550*1200	920*620*1300	920*620*1300	970*700*1390	1020*700*1390
N.W(kg)	190	190	195	271	280	343	416
Power	250KVA	300KVA	400KVA	500KVA	600KVA	800KVA	
Size(mm) L*W*H	1020*700*1600	1100*800*1800	1100*800*1800	1100*1250*2000	1100*1250*2000	1200*1300*2000	
N.W(kg)	530	644	706	961	1225	1328	

The size and weight vary depending on the voltage range, and are subject to the customized actual product.

VOLTAGE STABILIZER

Three phase individual control stabilizer

SBW-F Series
60KVA-800KVA



SBW-F-250KVA

SBW-F-500KVA

- Vertical type
- Servo motor
- Touchscreens
- Three phase individual control stabilizer

PRODUCT DETAILS

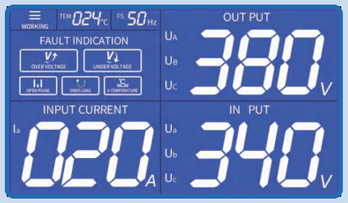
TECHNICAL PARAMETERS

Model		SBW-F-60KVA	SBW-F-100KVA	SBW-F-150KVA	SBW-F-180KVA	SBW-F-200KVA
		SBW-F-250KVA	SBW-F-300KVA	SBW-F-350KVA	SBW-F-400KVA	SBW-F-450KVA
		SBW-F-500KVA	SBW-F-600KVA	SBW-F-800KVA		
Phase		Three phase				
Input voltage		AC 304-456V or customized				
Output voltage		AC 380V or customized				
Frequency		50Hz/60Hz				
Precision		±3%				
Efficiency		>95%				
Control type		Servo motor				
Digital display		Show input and output voltage,Load Ratio and Fault Indicator				
Protection		Overvoltage, Overload, Short circuit, Over temperature				
Ambient temperature		-10°C~+ 40°C				
Relative Humidity		<95%				
Waveform Distortion		No additional wave form distortion				
Insulating Resistance		Normally more than 2MΩ				
Insulating Class		Class B				
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V				
	Low voltage	Output Voltage ≤ 360V ± 4V				
	Over temperature	95°C±10°C				
	Delay protection	Customizable				
	Undervoltage	Disabled by default, customizable if needed				
Power		60KVA	100KVA	150KVA	180KVA	200KVA
Size(mm) L*W*H		1600*800*1600	1600*800*1600	1600*800*1600	1600*800*1600	1600*800*1600
Power		250KVA	300KVA	350KVA	400KVA	450KVA
Size(mm) L*W*H		1600*800*1600	2100*850*1700	2100*850*1800	2100*850*1800	2400*1000*1800
Power		500KVA	600KVA	800KVA		
Size(mm) L*W*H		2400*1000*1800	2400*1000*2000	2400*1100*2000		
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

VOLTAGE STABILIZER

Outdoor rainproof model

SBW Series
60KVA-300KVA



SBW-60KVA

SBW-60KVA

- Vertical type
- Servo motor
- Digital display

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model		SBW-60KVA	SBW-100KVA	SBW-150KVA	SBW-200KVA	SBW-250KVA	SBW-300KVA
Phase		Three phase					
Input voltage		AC 304-456V or customized					
Output voltage		AC 380V or customized					
Frequency		50Hz/60Hz					
Precision		±3%					
Efficiency		>95%					
Control type		Servo motor					
Digital display		Show input and output voltage,Load Ratio and Fault Indicator					
Protection		Overvoltage, Overload, Short circuit, Over temperature					
Ambient temperature		-10°C~+ 40°C					
Relative Humidity		<95%					
Waveform Distortion		No additional wave form distortion					
Insulating Resistance		Normally more than 2MΩ					
Insulating Class		Class B					
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V					
	Low voltage	Output Voltage ≤ 310V ± 4V					
	Over temperature	95°C±10°C					
	Delay protection	Customizable					
	Undervoltage	Disabled by default, customizable if needed					
The size and weight vary depending on the voltage range, and are subject to the customized actual product.							

VOLTAGE STABILIZER

Three phase static type stabilizer

ZBW Series
10KVA-600KVA

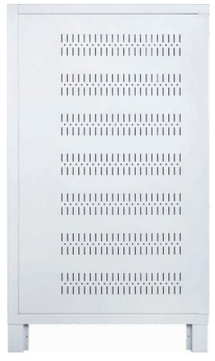
ZBW-S-50KVA

ZBW-S-180KVA

ZBW-S-600KVA

- Vertical type
- Static type
- Digital display

PRODUCT DETAILS



WORKING PRINCIPLE OF CONTACTLESS VOLTAGE STABILIZER

A contactless voltage stabilizer utilizes advanced electronic switching technology to achieve precise and rapid voltage regulation without mechanical components such as brushes or relays. It typically consists of a microcomputer control unit (MCU), power electronic modules (such as IGBT or SCR), a transformer, and a feedback control system.When the input voltage fluctuates, the control system detects the variation in real time using high-speed AD sampling. It then sends control signals to the IGBT or SCR modules, which rapidly switch and adjust the voltage compensation through a sine wave superimposition method. This process ensures a stable output voltage.

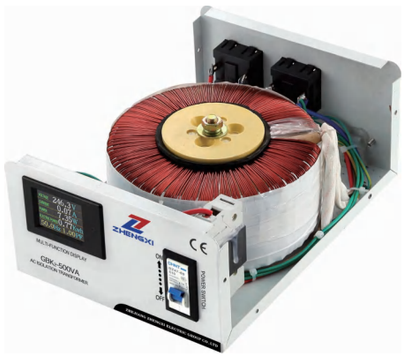
TECHNICAL PARAMETERS

Model	ZBW-S-10KVA	ZBW-S-20KVA / ZBW-S-30KVA / ZBW-S-50KVA / ZBW-S-60KVA ZBW-S-80KVA / ZBW-S-100KVA / ZBW-S-120KVA / ZBW-S-150KVA / ZBW-S-200KVA ZBW-S-250KVA / ZBW-S-300KVA / ZBW-S-400KVA / ZBW-S-500KVA / ZBW-S-600KVA
Phase	Three phase	
Input voltage	AC 304-456V or customized	
Output voltage	AC 380V or customized	
Frequency	50Hz/60Hz	
Precision	±3%	
Efficiency	>95%	
Control type	IGBT	
Digital display	Show input and output voltage,Load Ratio and Fault Indicator	
Protection	Overvoltage, Overload, Short circuit, Over temperature	
Ambient temperature	-10°C~+ 40°C	
Relative Humidity	<95%	
Waveform Distortion	No additional wave form distortion	
Insulating Resistance	Normally more than 2MΩ	
Protection	Overvoltage	Output Voltage ≥ 425V ± 4V
	Low voltage	Output Voltage ≤ 360V ± 4V
	Over temperature	95°C±10°C
	Delay protection	Customizable
	Undervoltage	Disabled by default, customizable if needed
The size and weight vary depending on the voltage range, and are subject to the customized actual product.		

GBK2 Series
300VA-2000VA

- Vertical type
- Digital display
- Input:220V

PRODUCT DETAILS



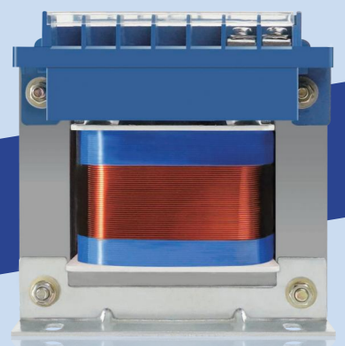
ISOLATION TRANSFORMER

The working principle of a transformer is based on electromagnetic induction, which achieves the conversion of voltage and current through the coupling relationship between different windings. Specifically, the transformer utilizes the phenomenon of electromagnetic induction, with two or more electrically insulated windings (coils) wound around a core (or magnetic core) to transfer electrical energy and change the voltage.

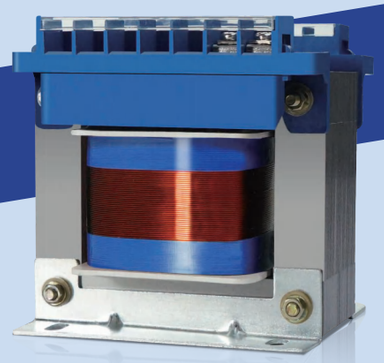
TECHNICAL PARAMETERS

Model	GBK2-300VA	GBK2-500VA	GBK2-1000VA	GBK2-2000VA
Phase	Single phase			
Input voltage	220V			
Output voltage	220V			
Frequency	50Hz/60Hz			
Precision	±10%			
Rated Power	500VA (GBK2-500VA for example)			
Rated Current	2.28A			
Recommended load	≤500VA			
Insulation resistance	≥5MΩ			
Withstand voltage	1500v/min			
Ambient temperature	-15°C~+40°C			
Relative Humidity	Not more than 90%			
Insulating Class	Class F			
Power	300VA	500VA	1000VA	2000VA
Size(mm) L*W*H	180*250*123	180*250*123	180*250*123	210*305*158
N.W(kg)	5.4	7.1	8.9	16
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

BK Series
25VA-50KVA



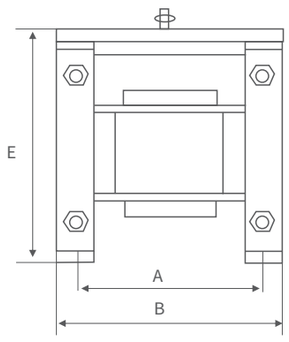
BK-100VA

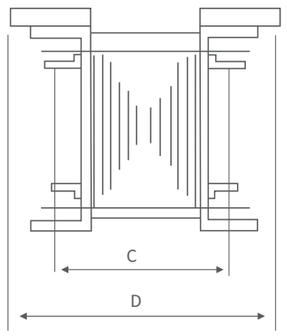


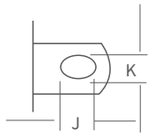
BK-100VA

- Vertical type
- Input:Two phase 440V/415V/380V/360V/220V

SOCKET AVAILABILITY







CONTROL TRANSFORMER INTRODUCTION

A control transformer operates based on the principle of electromagnetic induction. The transformer consists of two sets of coils: the primary coil and the secondary coil. The secondary coil is located outside the primary coil. When alternating current is applied to the primary coil, an alternating magnetic field is generated in the transformer core, which induces electromotive force (EMF) in the secondary coil. The turn ratio of the coils in a Satons transformer is equal to the voltage ratio.

The BK series machine tool control transformer is suitable for circuits with a frequency of 50-60Hz and a voltage up to 500V. It is typically used as a power source for machine tool control devices, local lighting, and indicators.

TECHNICAL PARAMETERS

Model	BK-25VA~50KVA				
Input voltage	Two phase 440V/415V/380V/360V220V				
Output voltage	Customizable two-phase 440V/12V/24V/36V/48V/60V/120V/220V				
Frequency	50Hz/60Hz				
Efficiency	≥98%				
Insulation resistance	≥50MΩ				
Waveform distortion	No additional waveform distortion				
Ambient temperature	-15°C~+ 40°C				
Overload capacity	Two times the rated current for one minute				
Electrical strength	Industrial frequency sinusoidal voltage 3000V for onr minute without breakdown phenomenon				
Power	25VA	150VA	200VA	500VA	1000VA
Size(mm) B*D*E	79*72*86	105*100*110	105*108*110	134*150*150	155*170*164
Mounting Dimensions A*C	64*47	84*74	84*84	110*110	125*128
Power	1500VA	2000VA	3000VA	5000VA	10KVA
Size(mm) B*D*E	175*185*195	175*200*195	205*220*230	310*270*280	300*220*290
Mounting Dimensions A*C	143*130	143*140	170*160	200*140	280*170
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

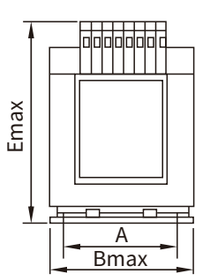
JBK Series
25VA-10KVA

JBK-100VA

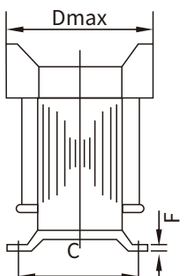
JBK-100VA

- Vertical type
- Input:220V/380V(customizable voltage)

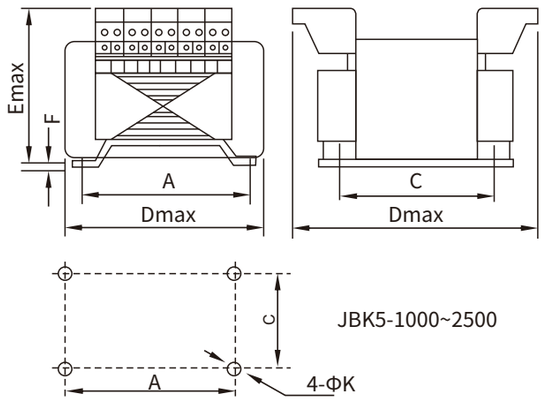
SOCKET AVAILABILITY



JBK5-40~800



JBK5-1000~1600
Vertical

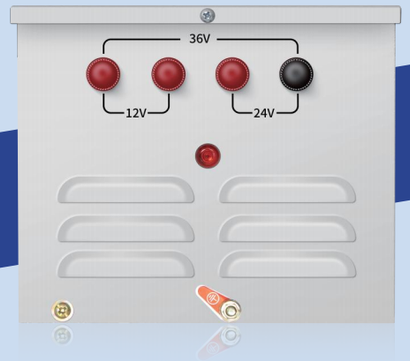


JBK5-1000~2500

TECHNICAL PARAMETERS

Model	JBK5-25VA~10KVA					
Phase	Single phase					
Input voltage	220V/380V (customizable voltage)					
Output voltage	6V/12V/24V/36V/110V/220V (customizable voltage)					
Frequency	50Hz/60Hz					
Efficiency	≥98%					
IP Rating	IP00					
Power	25VA	50VA	100VA	200KVA	250VA	300VA
Size(mm) B*D*E	150*160*130	150*160*130	150*160*130	160*170*135	130*210*155	130*210*155
Mounting Dimensions A*C	64*47	70*57	84*68	84*84	95*80	95*90
Power	500VA	1000VA	2000VA	3000VA	4000VA	5000VA
Size(mm) B*D*E	210*230*175	218*290*185	260*330*235	280*350*230	360*355*288	360*355*288
Mounting Dimensions A*C	110*110	125*128	143*140	170*160	190*155	200*140
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

JMB Series
25VA-50KVA

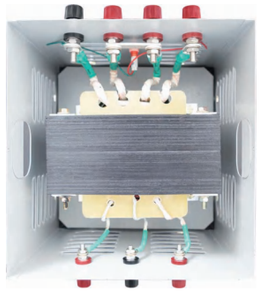


JMB-1000VA

JMB-1000VA

- Vertical type
- Input:220V/380V

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model	JMB-25VA~50KVA				
Phase	Single phase				
Input voltage	220V 380V				
Output voltage	36V 24V 12V				
Frequency	50Hz/60Hz				
Insulation resistance	≥50MΩ				
Waveform distortion	No additional waveform distortion				
Temperature rise	≤60°C				
Ambient temperature	-15°C~+ 40°C 24-hour average below 35°C				
Relative humidity	≤90%				
IP Rating	IP00				
Power	100VA	200VA	300VA	400VA	500VA
Size(mm) L*W*H	185*155*125	185*155*125	185*155*125	185*155*125	250*210*175
Power	700VA	800VA	1000VA	2000VA	3000VA
Size(mm) L*W*H	250*210*175	250*210*175	295*220*185	340*260*220	380*260*240
Power	4000VA	5000VA	6000KVA	8000VA	10KVA
Size(mm) L*W*H	380*260*240	380*360*285	380*360*285	380*360*285	410*400*350
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

SBK Series
500VA-500KVA

SBK-500VA

- Vertical type
- Input:default 660V/440V/380V/220V(customitable voltage)

MODEL AND ITS MEANING

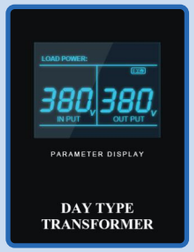
TECHNICAL PARAMETERS

Model	SBK-500VA~500KVA				
Input voltage	Default 380V 660V 440V 380V 220V (customizable voltage)				
Output voltage	Default 220V 1140V 690V 660V 440V 415V 400V 380V 220V 110V (customized voltage)				
Voltage Accuracy	±1%				
Voltage variation rate	≤1.5%				
Waveform distortion	No additional waveform distortion				
Ambient temperature	-5°C~+ 40°C				
IP Rating	IP00				
Efficiency	≥98%				
Insulating Class	Class F, H, HC available (class F as a rule)				
Power	500VA	1000VA	2000VA	3000VA	5000VA
Size(mm) L*W*H	180*125*155	240*145*205	240*155*205	300*165*260	300*190*260
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

TRANSFORMERS

Three-phase isolation transformers

SG Series
500VA-500KVA



8KVA~80KVA

100KVA~500KVA

- Vertical type
- Isolated
- Digital display
- Isolation

PRODUCT DETAILS

THE WORKING PRINCIPLE OF A THREE-PHASE ISOLATION TRANSFORMER

The working principle of a three-phase isolation transformer is primarily based on the principle of electromagnetic induction. It consists of two sets of coils, and the magnetic field generated by the alternating current induces electromotive force in the secondary winding. By adjusting the turn ratio between the secondary and primary windings, voltage can be increased or decreased.

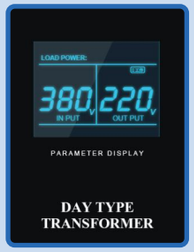
TECHNICAL PARAMETERS

Model	SG-500VA~500KVA				
Phase	Three phase				
Input voltage	Default 380V 660V 440V 220V (customizable voltage)				
Output voltage	Default 220V 1140V 690V 660V 440V 415V 400V 380V 220V 110V (customizable voltage)				
Voltage Accuracy	±1%				
Voltage variation rate	≤1.5%				
Efficiency	Inductive (Isolated) ≥99%				
Resistance to Electricity	1500V/min				
Overload capacity	Overloading is not recommended				
Ambient temperature	-10°C~+ 40°C				
Waveform Distortion	No additional wave form distortion				
Cooling method	Dry air-cooled				
Connection method	D/Y Y/Y customizable				
Insulating Class	Class F				
Power	8KVA	10KVA	15KVA	20KVA	30KVA
Size(mm) L*W*H	420*330*460	460*350*520	490*390*520	520*430*530	520*430*530
Power	50KVA	60KVA	80KVA	100KVA	150KVA
Size(mm) L*W*H	750*480*780	750*480*780	800*500*800	800*500*800	800*600*800
Power	200KVA	250KVA	300KVA	400KVA	500KVA
Size(mm) L*W*H	850*650*850	850*650*850	850*650*850	1200*1000*1200	1200*1000*1200
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

TRANSFORMERS

Three-phase dry-type transformer

QSG Series
500VA-500KVA



QSG-8KVA

200KVA~400KVA

- Vertical type
- Dry type
- Digital display
- Autocoupling

PRODUCT DETAILS

THE WORKING PRINCIPLE OF A THREE-PHASE AUTOTRANSFORMER

The working principle of a three-phase autotransformer is based on the law of electromagnetic induction, achieving voltage transformation by changing the turn ratio of the primary and secondary coils. The uniqueness of a three-phase autotransformer lies in its winding design: the primary and secondary windings share the same winding, meaning that the output and input use a common set of coils.

TECHNICAL PARAMETERS

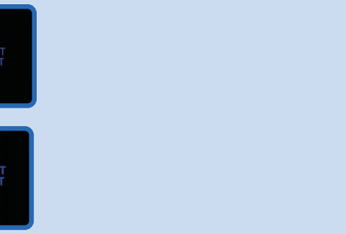
Model	QSG-500VA~500KVA				
Phase	Three phase				
Input voltage	Default 380V 660V 440V 220V (customizable voltage)				
Output voltage	Default 220V 1140V 690V 660V 440V 415V 400V 380V 220V 110V (customizable voltage)				
Voltage Accuracy	±1%				
Voltage variation rate	≤1.5%				
Efficiency	Inductive (Isolated) ≥99%				
Resistance to Electricity	1500VA/min				
Overload capacity	Overloading is not recommended				
Ambient temperature	-10°C~+ 40°C				
Waveform Distortion	No additional wave form distortion				
Cooling method	Dry air-cooled				
Connection method	D/Y Y/Y customizable				
Insulating Class	Class F				
Power	8KVA	10KVA	15KVA	20KVA	30KVA
Size(mm) L*W*H	380*320*435	460*350*440	460*350*440	500*370*495	500*370*495
Power	50KVA	60KVA	70KVA	80KVA	100KVA
Size(mm) L*W*H	560*430*555	560*430*555	580*460*630	580*460*630	750*480*780
Power	150KVA	200KVA	250KVA	300KVA	400KVA
Size(mm) L*W*H	750*480*780	750*480*780	780*600*800	780*600*800	850*650*850
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

TRANSFORMERS

JYK Series
500VA-2000VA

(Domestic version)

500VA~2000VA

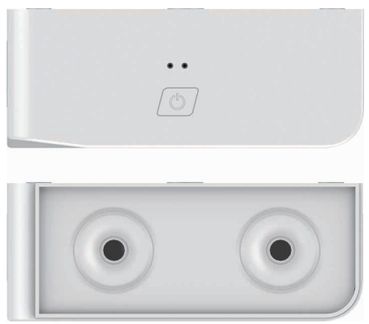


(Overseos edition)

500VA~2000VA

- Vertical type/Wall-mounted type
- Single phase
- Digital display
- Input:220V/110V

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model	JYK-500VA	JYK-1000VA	JYK-2000VA	JYK-500VA	JYK-1000VA	JYK-2000VA
Input voltage	Domestic version:220V			Overseas Edition:110V		
Output voltage	Domestic version:100V			Overseas Edition:220V		
Overvoltage protection	Domestic version:Output 135V±5V			Overseas Edition:Output 265V±5V		
Undervoltage protection	Domestic version:Output 90V±5V			Overseas Edition:Output 180V±5V		
Power Factor	0.9					
Response time	≤0.1S					
Insulation resistance	>50MΩ					
Resistance to Electricity	No breakdown at 1500V for two minutes					
Ambient temperature	-10°C~+ 40°C					
Waveform Distortion	No additional wave form distortion					
Power	500VA		1000VA		2000VA	
Size(mm) L*W*H	190*76*242		190*76*242		190*76*242	
N.W(kg)	4.25		5.35		6.7	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

SDK Series
500VA-2000VA

(Domestic version)

500VA~2000VA

(Overseos version)

500VA~2000VA

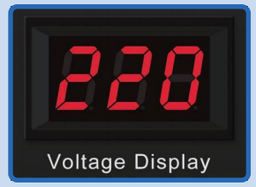
- Vertical type/Wall-mounted type
- Single phase
- Input:220V/110V

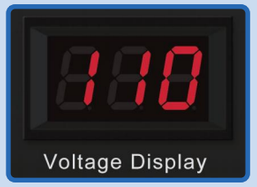
PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	SDK-500VA	SDK-1000VA	SDK-2000VA	SDK-500VA	SDK-1000VA	SDK-2000VA
Input voltage	Domestic version:220V			Overseas version:110V		
Output voltage	Domestic version:100V 110V			Overseas version:220V		
Overvoltage protection	Domestic version:Output 135V±5V			Overseas version:Output 265V±5V		
Undervoltage protection	Domestic version:Output 90V±5V			Overseas version:Output 180V±5V		
Power Factor	0.9					
Response time	≤1.5S					
Insulation resistance	>50MΩ					
Resistance to Electricity	No breakdown at 1500V for one minutes					
Ambient temperature	-10°C~+ 40°C					
Waveform Distortion	No additional wave form distortion					
Power	500VA		1000VA		2000VA	
Size(mm) L*W*H	180*70*240		180*70*240		180*70*240	
N.W(kg)	4.2		5.3		6.65	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

SDT Series
500VA-5000VA





SDT-500VA

SDT-3000VA

- Vertical type
- Digital display
- Input:220V-240V/100V-120V

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	SDT-500VA	SDT-1000VA	SDT-2000VA	SDT-3000VA	SDT-5000VA
Phase	Single phase				
voltage conversion	SDT transformer step-down (domestic) input voltage: Ac 220V-240V, output 100V-120V				
	SDT transformer step-up (foreign)input voltage: Ac 100V-120V, output 220V-240V				
Overvoltage protection	Domestic version:Output 135V±5V				
Undervoltage protection	Domestic version:Output 90V±5V				
Frequency	50Hz/60Hz				
Insulation resistance	>50MΩ				
Ambient temperature	-10°C~+ 40°C				
Power	500VA	1000VA	2000VA	3000VA	5000VA
Size(mm) L*W*H	200*176*115	230*202*125	230*202*125	210*250*153	285*251*173
N.W(kg)	3.1	5	6.7	8.7	12.1
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

TC Series
100VA-10000VA

TC-500VA

TC-500VA

- Vertical type
- Input:220V/110V

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	TC-100VA	TC-200VA	TC-300VA	TC-500VA	TC-750VA	TC-1000VA
	TC-1500VA	TC-2000VA	TC-3000VA	TC-5000VA	TC-7500VA	TC-10000VA
Phase	Single phase					
voltage conversion	TC transformer step-down (domestic) input voltage: Ac 220V, output 110V					
	TC transformer step-up (foreign)input voltage: Ac 110V, output 220V					
Overvoltage protection	Domestic version:Output 135V±5V					
Undervoltage protection	Domestic version:Output 90V±5V					
Frequency	50Hz/60Hz					
Overload capacity	Two times the rated current for one minute					
Electrical strength	Industrial frequency sinusoidal voltage 3000V for onr minute without breakdown phenomenon					
Insulation resistance	>50MΩ					
Ambient temperature	-15°C~+ 40°C					
Power	100VA	200VA	300VA	500VA	750VA	1000VA
Size(mm) L*W*H	240*210*190	240*210*190	240*210*190	320*180*270	320*180*270	320*180*270
Power	1500VA	2000VA	3000VA	5000VA	7500VA	10000VA
Size(mm) L*W*H	460*260*220	460*260*220	460*260*220	320*240*270	320*240*270	400*290*290
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

YTR/WTR Series
120VA-300VA

YTR-Time Control

WTR-WIFI Version

- Wall-mounted type
- Digital display
- Input:120V

PRODUCT DETAILS

ABOUT THIS ITEM

The ZHENGXI low-voltage transformer expertly converts 120V AC to 12/14V AC. It is furnished with a removable photocell sensor. Boasts two independently controlled zones and five operational modes. Provides circuit protection and memory functionality. Resistant to various weather conditions and highly durable.

Two zones,independently controlled —— Features two independently controlled terminal outputs.Low-voltage landscape lights in zone 1 and zone 2 can be set to different modes. Set the mode for each zone easily by pressing "ZONE 1" or "ZONE 2". Total power of zones 1 and 2 mustn't exceed 80% of transformer's rated power.

5 SETTING MODES - Landscape transformer features five modes.MANUAL ON/OFF for constant on/off. AUTO ON/OFF at dusk/dawn. COUNTDOWN from dusk for 4/6/8 hrs.TIMER at user-set times. PHOTOCELL ON TIMER OFF from dusk at preset time. Meets requirements and maximizes energy savings.

CIRCUIT PROTECTION & MEMORY FUNCTION - Landscape lighting transformer has built-in protection.Disconnects on abnormal circuit to prevent damage.Reset breaker after troubleshooting.Memory function keeps last set mode on power-up. WEATHERPROOF & DURABLE - The low-voltage landscape transformer is highly durable and corrosion-resistant. Withstands rain, snow, dust, and corrosion. Built to last for years indoors or outdoors.

TECHNICAL PARAMETERS

Model	YTR-120VA	YTR-200VA	YTR-300VA	WTR-120VA	WTR-200VA	WTR-300VA
Power	120VA	200VA	300VA	120VA	200VA	300VA
Size(mm) L*W*H	152*95*257	152*95*257	152*95*257	152*95*257	152*95*257	152*95*257
N.W(kg)	3.8	5	5.7	3.8	5	5.7
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

TRANSFORMERS

Single-phase to three-phase transformers

DZW Series
1.5KVA-60KVA

(three-phase, three-wire)

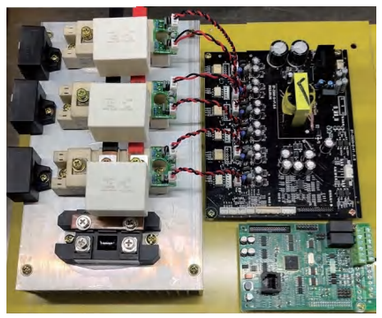
1.5KVA~60KVA

(three-phase, four-wire)

2.2KVA~40KVA

- **Vertical type**
- **Dry type**
- **Digital display**
- **Input:180-250V**

PRODUCT DETAILS



WORKING PRINCIPLE OF SINGLE-PHASE TO THREE-PHASE TRANSFORMER

The main function of a single-phase to three-phase transformer is to convert the existing 220V single-phase AC power into a three-phase 380V sine wave power supply for industrial applications.
An ideal AC power source is characterized by stable frequency, stable voltage, near-zero internal resistance, and a pure sine wave voltage waveform (without distortion). However,the output power of a single-phase to three-phase power supply is determined by the 220V mains current.

TECHNICAL PARAMETERS

Model	DZW-1.5KVA	DZW-2.2KVA	DZW-3KVA	DZW-4KVA	DZW-5.5KVA
	DZW-7.5KVA	DZW-8.5KVA	DZW-11KVA	DZW-15KVA	DZW-20KVA
	DZW-25KVA	DZW-30KVA	DZW-40KVA	DZW-50KVA	DZW-60KVA
Phase	three-phase, three-wire / three-phase, four-wire				
Response speed	10ms				
Adjustment speed	100V/S				
Circuit Method	IGBT / PWM Modulation				
Output waveform	Standard sine wave CF=1.4				
Output Current	Phase Current High Grade 41A Low Grade 82A				
Frequency stabilization	≤0.01%				
Load Voltage Stabilization	≤1%				
Waveform Distortion	≤2% (pure resistive load)				
Phase Angle	120°±1°				
Protection reaction time	≤2ms				
Efficiency	≥87%				
Power	1500VA	2200VA	3000VA	4000VA	5500VA
Size(mm) L*W*H	270*430*350	270*430*350	270*430*350	270*430*350	270*430*350
N.W(kg)	17.5	17.5	17.5	17.5	17.5
Power	7500VA	8500VA	11KVA	15KVA	20KVA
Size(mm) L*W*H	580*355*620	580*355*620	580*355*620	580*355*620	580*355*620
N.W(kg)	34	34	34	35.5	37
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

REGULATOR

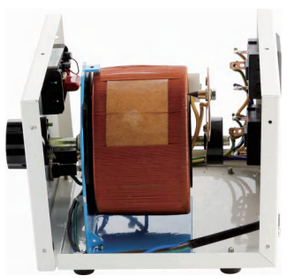
TDGC3 Series
500VA-5000VA

500VA~2000VA

3000VA~5000VA

- Vertical type
- Manual control
- Digital display
- Input:220V

PRODUCT DETAILS



WORKING PRINCIPLE OF VOLTAGE REGULATOR

A voltage regulator adopts an adjustable autotransformer structure. Its regulation mechanism relies on a carbon brush, which is controlled by a handwheel spindle and brush holder.
A coil is uniformly wound around a toroidal iron core, and the carbon brush is pressed tightly against the polished surface of the coil under the force of a spring tube. When the shaft rotates, it drives the brush holder, causing the carbon brush to slide along the coil surface. This movement changes the contact position of the carbon brush, thereby adjusting the turns ratio between the primary and secondary windings. As a result, the output voltage can be smoothly and continuously regulated within a set range, achieving the desired voltage control.

TECHNICAL PARAMETERS

Model	TDGC3-500VA	TDGC3-1000VA	TDGC3-2000VA	TDGC3-3000VA	TDGC3-5000VA
Phase	Single phase				
Input voltage	220V				
Output voltage	0-300V Vadjustable				
Rated current	1.6A	3.3A	6.6A	10A	16.6A
Frequency	50/60Hz				
Waveform Distortion	No additional waveform distortion				
Insulation resistance	Single phase >5MΩ				
Withstanding Voltage	1500V/min				
Temperature rise	<60°C				
Power	500VA	1000VA	2000VA	3000VA	5000VA
Size(mm) L*W*H	200*190*145	220*225*190	220*225*190	315*235*230	350*235*275
N.W(kg)	4.5	7.6	9	13.1	20.1
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

REGULATOR

TDGC2 Series
500VA-20KVA

500VA~2000VA | 3000VA~5000VA | 10KVA~20KVA

- Vertical type
- Manual control
- Digital display
- Input:220V

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	TDGC2-500VA	TDGC2-1000VA	TDGC2-2000VA	TDGC2-3000VA
	TDGC2-5000VA	TDGC2-10KVA	TDGC2-15KVA	TDGC2-20KVA
Phase	Single phase			
Input voltage	220V			
Output voltage	0-250V Vadjustable			
Rated current	2A	4A	8A	12A
	20A	40A	60A	80A
Frequency	50/60Hz			
Waveform Distortion	No additional waveform distortion			
Insulation resistance	Single phase >5MΩ			
Withstanding Voltage	1500V/min			
Temperature rise	<60°C			
Power	500VA	1000VA	2000VA	3000VA
Size(mm) L*W*H	130*150*140	175*200*160	175*200*170	200*230*200
N.W(kg)	3.2	5.5	7.5	10
Power	5000VA	10KVA	15KVA	20KVA
Size(mm) L*W*H	240*270*260	240*270*420	240*320*580	240*320*580
N.W(kg)	15	35	50	60
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

REGULATOR

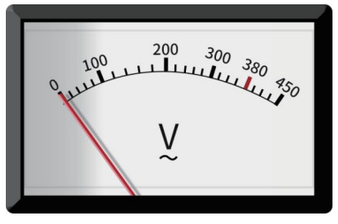
TSGC2 Series
1500VA-30KVA

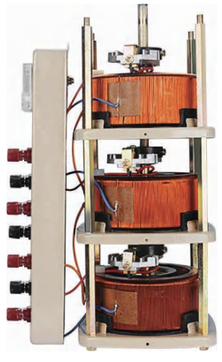
1500VA~3000VA

6000VA~30KVA

- Vertical type
- Manual control
- Pointer type
- Input:380V

PRODUCT DETAILS





TECHNICAL PARAMETERS

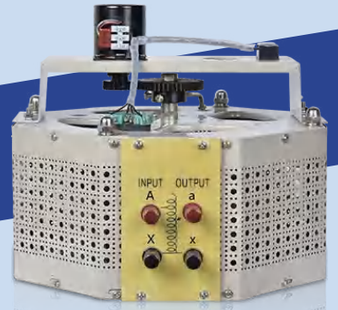
Model	TSGC2-1500VA	TSGC2-3000VA	TSGC2-6000VA	TSGC2-9KVA
	TSGC2-15KVA	TSGC2-20KVA	TSGC2-30KVA	
Phase	Three phase			
Input voltage	380V			
Output voltage	0-430V Adjustable			
Rated current	3.5A	6.9A	13.9A	23.2A
	34.8A	46.5A	69.7A	
Frequency	50/60Hz			
Efficiency	>90%			
Waveform Distortion	No additional waveform distortion			
Insulation resistance	Three phase >2MΩ			
Withstanding Voltage	1500V/min			
Voltage Regulation	manual			
Temperature rise	<60K			
Power	1500VA	3000VA	6000VA	9KVA
Size(mm) L*W*H	130*150*330	180*220*440	180*220*480	210*240*490
N.W(kg)	10	17	25	33
Power	15KVA	20KVA	30KVA	
Size(mm) L*W*H	240*320*580	240*320*580	240*320*1080	
N.W(kg)	50	60	150	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

REGULATOR

Motorized voltage regulator

TDGC2J Series

5KVA-60KVA

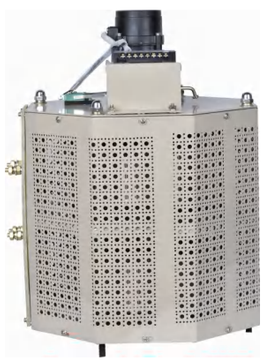


5KVA~10KVA

15KVA~60KVA

- Vertical type
- Electric
- Input:220V

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model	TDGC2J-5KVA	TDGC2J-7KVA	TDGC2J-10KVA	TDGC2J-15KVA	TDGC2J-20KVA
	TDGC2J-30KVA	TDGC2J-40KVA	TDGC2J-50KVA	TDGC2J-60KVA	
Phase	Single phase				
Input voltage	220V				
Output voltage	0-250V Vadjustable				
Rated current	20A	28A	40A	60A	80A
	120A	160A	200A	240A	
Frequency	50/60Hz				
Efficiency	≥90%				
Iron core form	Ring				
Cooling method	Natural cooling type				
Outline structure	Vertical				
Moisture proof method	Open type				
Power	500VA	700VA	10KVA	15KVA	20KVA
Size(mm) L*W*H	330*370*300	330*370*300	340*440*420	340*440*430	340*440*580
N.W(kg)	20	25	40	50	
Power	30KVA	40KVA	50KVA	60KVA	75
Size(mm) L*W*H	340*440*750	340*420*1080	340*450*1140	340*450*1140	
N.W(kg)	105	145	160	180	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

REGULATOR

Motorized voltage regulator

TSGC2J Series

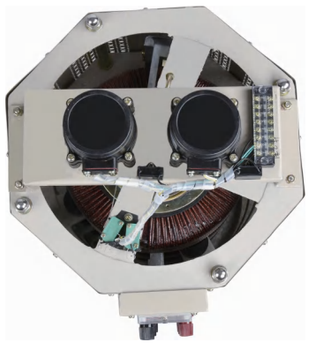
3KVA-80KVA

TSGC2J-15KVA

TSGC2J-15KVA

- Vertical type
- Electric
- Pointer type
- Input:380V

PRODUCT DETAILS



TECHNICAL PARAMETERS

Model	TSGC2J-3KVA	TSGC2J-6KVA	TSGC2J-9KVA	TSGC2J-15KVA	TSGC2J-20KVA
	TSGC2J-30KVA	TSGC2J-40KVA	TSGC2J-50KVA	TSGC2J-60KVA	TSGC2J-80KVA
Phase	Three phase				
Input voltage	380V				
Output voltage	0-430V Vadjustable				
Rated current	6.9A	13.9A	20.9A	34.8A	46.5A
	69.7A	93A	116A	139.5A	186A
Frequency	50/60Hz				
Efficiency	≥90%				
Voltage regulation	Motorized				
Iron core form	Ring				
Standard	JB/T10091				
Cooling method	Natural cooling type				
Outline structure	Vertical				
Moisture proof method	Open type				
Power	3KVA	6KVA	9KVA	15KVA	20KVA
Size(mm) L*W*H	790*200*270	220*230*480	270*260*480	340*400*580	340*400*580
N.W(kg)	15	26	35	65	75
Power	30KVA	40KVA	50KVA	60KVA	80KVA
Size(mm) L*W*H	340*440*630	340*440*1080	340*440*1140	340*440*1140	
N.W(kg)	100	150	160	180	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

FREQUENCY INVERTER

Economy model

FREQUENCY INVERTER

0.75KW-800KW

0.75KW~5.5KW　15KW~30KW　75KW

- Constant pressure water supply
- PLC
- Digital display
- Input:380V±10%

PRODUCT DETAILS

THE WORKING PRINCIPLE OF A FREQUENCY CONVERTER

A Variable-frequency Drive (VFD) is a power control device that integrates frequency conversion technology with microelectronics technology. It achieves precise control of an AC motor by altering the frequency of the motor's power supply. The internal structure of a VFD is complex, mainly consisting of components such as rectification (converting AC to DC), filtering, inversion (converting DC back to AC), braking units, drive units, detection units, and microprocessor units. The core working principle relies on the switching of internal IGBTs (Insulated Gate Bipolar Transistors) to dynamically adjust the voltage and frequency of the output power supply.This allows the VFD to provide an appropriate power supply voltage according to the actual requirements of the motor, achieving energy savings, speed regulation, and other objectives. Additionally, it features multiple protection functions such as overcurrent, overvoltage, and overload protection, ensuring the safe and stable operation of the equipment. With the continuous improvement of industrial automation, the application of VFDs is becoming increasingly widespread across various industries.

TECHNICAL PARAMETERS

Model	0.75-5.5KW	7.5-11KW	15-30KW	37-45KW	55KW
	75KW	90-132KW	160-200KW	220-285KW	315-400KW
	450-500KW	560-630KW	750-800KW		
Input Voltage	380V±10%　Customizable three-phase voltage 220V 400V 440V 480V				
Output frequency	0~500Hz				
Modulation mode	Optimized space voltage vector PWM mode				
Control method	V/F control / open loop vector control / torque control				
Running Command Giving Mode	Keypad control; terminal control; communication control				
Speed setting resolution	Digital setting: 0.01Hz; Analog setting: 1/2000 max. frequency				
Speed control accuracy	Open-loop vector control: ±0.5%				
Speed control range	Open loop vector control 1:200				
Torque control response	Open loop vector control <200ms				
Starting torque	Open loop vector control 180%/0.25Hz				
Torque control accuracy	±5				
Indicator light (LED)	Parameter unit, setting direction, RUN/STOP status, control mode				
Power	0.75KW-5.5KW	7.5KW-11KW	15KW-30KW	37KW-45KW	55KW
Installation Size(cm)	20*7.8	23*12.9	30.5*18.8	47*19.5	45*17.5
Size(mm)　L*W*H	95*154*212	140*180.5*240	205*199*322	270*205*490	290*250*470
Power	75KW	90KW-132KW	160KW-200KW	220KW-285KW	315KW-400KW
Installation Size(cm)	56*17.5	64.8*20	67*30	87.5*36	104*53
Size(mm)　L*W*H	290*275*580	325*300*670	465*310*700	480*350*900	650*355*1060
Power	450KW-500KW	560KW-630KW	750KW-800KW		
Installation Size(cm)	104*53	104*53	105*128		
Size(mm)　L*W*H	840*375*1060	1030*375*1060	1420*385*1070		
The size and weight vary depending on the voltage range, and are subject to the customized actual product.					

FREQUENCY INVERTER

0.75KW-500KW

0.75KW~2.2KW

18.5KW

90KW~132KW

- Constant pressure water supply
- PLC
- Digital display
- Input:380V±10%

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	0.75-2.2KW	4-7.5KW	11-15KW	18.5KW	22-30KW	37-55KW
	75KW	90-132KW	160KW	185-200KW	220-315KW	355-500KW
Input Voltage	380V±10% Customizable three-phase voltage 220V 400V 440V 480V 690V					
Output frequency	0~500Hz					
Modulation mode	Optimized space voltage vector PWM mode					
Control method	V/F control / open loop vector control / torque control					
Running Command Giving Mode	Keypad control; terminal control; communication control					
Speed setting resolution	Digital setting: 0.01Hz; Analog setting: 1/2000 max. frequency					
Speed control accuracy	Open-loop vector control: ±0.5%					
Speed control range	Open loop vector control 1:200					
Torque control response	Open loop vector control <200ms					
Starting torque	Open loop vector control 180%/0.25Hz					
Torque control accuracy	±5					
Indicator light (LED)	Parameter unit, setting direction, RUN/STOP status, control mode					
Power	0.75KW-2.2KW	4KW-7.5KW	11KW-15KW	18.5KW	22KW-30KW	
Installation Size(mm)	110.4*170.2	147.5*237.5	205*305	200*380	175*445	
Size(mm) L*W*H	120*158*180	160*183*250	220*190*320	250*190*395	290*220*465	
N.W(kg)	2	4.2	6.7	11.5	18.5	
Power	37KW-55KW	75KW	90KW-132KW	160KW	185KW-200KW	
Installation Size(cm)	175*450	230*565	240*640	315*725	400*830	
Size(mm) L*W*H	290*250*470	290*275*550	330*325*670	460*330*750	500*360*860	
N.W(kg)	22	29.6	55	73.6	90.6	
Power	220KW-315KW	355KW-500KW				
Installation Size(cm)	400*1130	400*1300				
Size(mm) L*W*H	660*370*1160	700*435*1340				
N.W(kg)	175	225				
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

INVERTER CABINET

0.75KW-200KW

0.75KW~18.5KW

22KW~200KW

- Constant pressure water supply
- PLC
- Digital display
- Input:380V±10%

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	0.75-2.2KW	4-7.5KW	11-18.5KW	22-37KW
	45-75KW	90-132KW	160-200KW	
Frequency	0~500HZ			
Voltage range	AC：323V~528V			
Power specification	0.75KW~200KW			
Speed range	1:200(SVC)			
Speed stabilization accuracy	±0.5% (SVC)			
Overload capacity	150% rated current 60s			
Control mode	V/F control, advanced V/F control, V/F separation control, current vector control			
Power	0.75KW-2.2KW	4KW-7.5KW	11KW-18.5KW	22KW-37KW
Size(mm) L*W*H	300*200*400	400*250*500	500*250*600	600*420*1200
Power	45KW-75KW	90KW-132KW	160KW-200KW	
Size(mm) L*W*H	700*450*1500	700*450*1200	700*450*1200	
The size and weight vary depending on the voltage range, and are subject to the customized actual product.				

INTELLIGENT SOFT STARTER

15KW-400KW

15KW~37KW　45KW~75KW　132KW~185KW

- Constant pressure water supply
- PLC
- Digital display
- Input:380V±10%

PRODUCT DETAILS

THE WORKING PRINCIPLE OF A SOFT STARTER

The working principle of a soft starter mainly includes several methods such as voltage control, current control, and time control. The voltage control principle gradually increases the input voltage of the motor, allowing the starting current to rise smoothly, thus avoiding current surges. The current control principle adjusts the input current of the motor, allowing it to gradually increase during the start-up process. The time control principle gradually increases the motor's input voltage or current by controlling the start-up time. Additionally, a soft starter can also achieve soft starting by controlling the input phase of the motor.

TECHNICAL PARAMETERS

Model	15-18.5KW	22KW	30KW	37KW	45KW	55KW
	75KW	90KW	110KW	132KW	160KW	185KW
	200KW	220KW	250KW	280KW	320KW	400KW
Frequency	50Hz/60Hz					
Power Specification	15KW~400KW					
Input Voltage	380V±10%					
Shock resistance	Conforms to IEC 68-2-27: 15g, 11ms					
Maximum operating height	Class 3 according to IEC 947-4-2					
Operating position	Vertical position, within ±10°					
Power	15KW-18.5KW	22KW	30KW	37KW	45KW	55KW
Size(mm) L*W*H	105*168.5*240	105*168.5*240	105*168.5*240	105*168.5*240	135*184.5*282	135*184.5*282
Power	75KW	90KW	115KW	132KW	160KW	185KW
Size(mm) L*W*H	135*184.5*282	190*224.5*370	190*224.5*370	225*226*393	225*226*393	225*226*393
Power	200KW	220KW	250KW	280KW	320KW	400KW
Size(mm) L*W*H	483*296*586	483*296*586	483*296*586	483*296*586	483*296*586	483*296*586
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

SOFT START CABINET

15KW-400KW

15KW~155KW　132KW~200KW　220KW~400KW

- Constant pressure water supply
- PLC
- Digital display
- Input:380V±10%

PRODUCT DETAILS

TECHNICAL PARAMETERS

Model	15-18.5KW	22KW	30KW	37KW	45KW	55KW
	75KW	90KW	110KW	132KW	160KW	185KW
	200KW	220KW	250KW	280KW	320KW	400KW
Frequency	50Hz/60Hz					
Power Specification	15KW~400KW					
Rated Voltage	380V±15%					
Starting frequency	≤20 times/hour					
Cooling method	Fan cooling					
Installation method	Vertical cabinet					
Power	15KW-18.5KW	22KW	30KW	37KW	45KW	55KW
Size(mm) L*W*H	312*320*681	312*320*681	312*320*681	312*320*681	312*320*681	312*320*681
Power	75KW	90KW	115KW	132KW	160KW	185KW
Size(mm) L*W*H	312*320*681	350*400*950	350*400*950	400*400*1130	400*400*1130	400*400*1130
Power	200KW	220KW	250KW	280KW	320KW	400KW
Size(mm) L*W*H	400*400*1130	600*470*1350	600*470*1350	600*470*1350	600*470*1350	600*470*1350
The size and weight vary depending on the voltage range, and are subject to the customized actual product.						

PLUGS AND SOCKETS FOR CHOICE

Input Plug

Universal

Universal

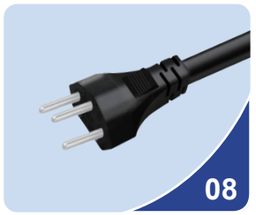
Europe

the USA

Britain

Australia

Italy



Switzerland

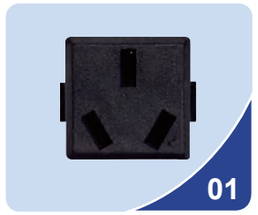
India

Israel

Japan

Brazil

Output Socket

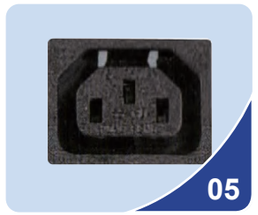


Universal

Universal

European

the USA



Britain

Australian

Italy

Switzerland

India

Israel

Japan

Brazil