

HTND Single-phase Full Automatic AC Voltage Stabilizer

Standard: EN 61000-6-2 EN 61000-6-4 EN 61558-1



Function

HTND single-phase AC voltage stabilizer provide:

- This product is constructed by connecting three stabilizers with Y-connection
- Wide input voltage range, high efficiency, over-load protection, short adjusting time, high regulation accuracy, same input and output voltage waveform, small volume, less weight.
- It's available in the electric equipments and facilities in housing, school, shop, office and precision instrument for scientific experiment.

Order Information



Shape	Output voltage	Power rating	Reference		
			Europe plug	British plug	Terminal connect
Desktop	220V	0.5K	HTNDP5HE220	HTNDP5HB220	-
		1K	HTND1HE220	HTND1HB220	-
		1.5K	HTND1P5HE220	HTND1P5HB220	-
		2K	-	-	HTND2H220
		3K	-	-	HTND3H220
		5K	-	-	HTND5H220
		7K	-	-	HTND7H220
		10K	-	-	HTND10H220
Cabinet	220V	10K	-	-	HTND10GH220
		15K	-	-	HTND15GH220
		20K	-	-	HTND20GH220
		30K	-	-	HTND30GH220
Desktop	230V	0.5K	HTNDP5HE230	HTNDP5HB230	-
		1K	HTND1HE230	HTND1HB230	-
		1.5K	HTND1P5HE230	HTND1P5HB230	-
		2K	-	-	HTND2H230
		3K	-	-	HTND3H230
		5K	-	-	HTND5H230
		7K	-	-	HTND7H230
		10K	-	-	HTND10H230
Cabinet	230V	10K	-	-	HTND10GH230
		15K	-	-	HTND15GH230
		20K	-	-	HTND20GH230
		30K	-	-	HTND30GH230

HTND Single-phase Full Automatic AC Voltage Stabilizer

Standard: EN 61000-6-2 EN 61000-6-4 EN 61558-1



Technical Data

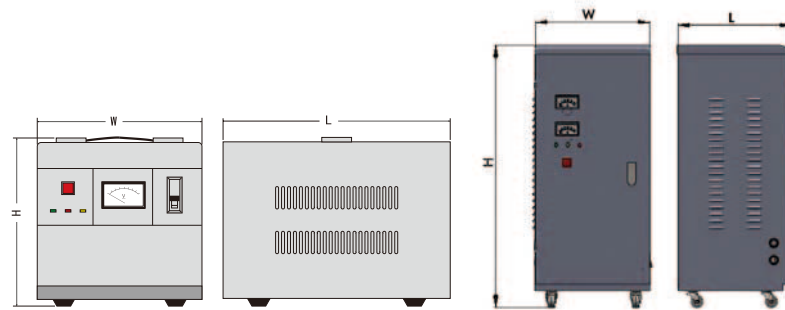
Type		HTND0.5kVA~5kVA	HTND7kVA~30kVA
Output voltage	Voltage regulation accuracy	$220 \pm 4\%$, $110 \pm 4\%$	$220 \pm 4\%$
	Undervoltage protection	$184V \pm 4V$ (set up according to the customers request)	
	Overvoltage protection	$246V \pm 4V$	
Phase		single-phase	
Input voltage range		160V~240V	
Efficiency		>90%	
Voltage regulation speed		<1s (when input voltage change 10%)	
Frequency		50/60Hz	
Enviroment		-5℃~40℃ below 90%	
temperature, relative temperature		2(500VA), 4(1000VA), 6(1500VA), 8(2000VA)	
Rated maximum output current(A)		12(3000VA), 20(5000VA), 25(7000VA), 40(10KVA) 85(15KVA), 73(20KVA), 109(30KVA)	
Withstand voltage		1500V/1min	

■ Standard: EN 61000-6-2 EN 61000-6-4 EN 61558-1

■ Certification: CE

Overall Dimensions

Unit: mm



Product shape	Model	Wide×Length×Hight		
		W	L	H
Desktop	HTND-0.5	190	160	135
	HTND-1	205	190	155
	HTND-1.5	205	190	155
	HTND-2	240	270	200
	HTND-3	225	305	235
	HTND-5	225	310	290
	HTND-7	240	387	360
	HTND-10	240	387	360
Cabinet type	HTND-10	310	340	535
	HTND-15	340	360	640
	HTND-20	340	380	780
	HTND30	425	390	845

HSJW Three-phase Full Automatic AC Voltage Stabilizer

Function

HSJW three-phase AC voltage stabilizer provide:

- This product is constructed by connecting three stabilizers with Y-connection
- Wide input voltage range, high efficiency, over-load protection, short adjusting time, high regulation accuracy, same input and output voltage waveform, small volume, less weight.
- It's available in the electric equipments and facilities in housing, factory, shool, shop, office and precision instrument for scientific experiment.

Order Information



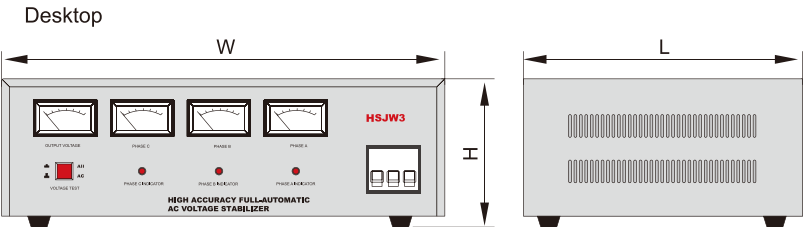
Shape	Power rating	Reference
Desktop	1.5 kVA	HSJW1P5
	3 kVA	HSJW3
	4.5 kVA	HSJW4P5
Cabinet	6 kVA	HSJW6G
	9 kVA	HSJW9G
	15 kVA	HSJW15G
	20 kVA	HSJW20G
	30 kVA	HSJW30G
	45 kVA	HSJW45G

Technical Data

Type	HSJW 1.5KVA~60KVA	
Output voltage	Voltage regulation accuracy	380V $\pm$ 4%
	Low-voltage protection	340V $\pm$ 7V(adjustable)
	Over-voltage protection	420V $\pm$ 7V
Input voltage range		280~415V
Efficiency		90%
Voltage regulation speed		<1s(voltage fluctuation $\geq$ 10%)
Frequency		50/60Hz
Waveform distortion:		No additional distortion
Withstand voltage		1500V/1min
Temperature rise		<+60℃
Environment temp.		-5℃~+40℃

Overall Dimensions

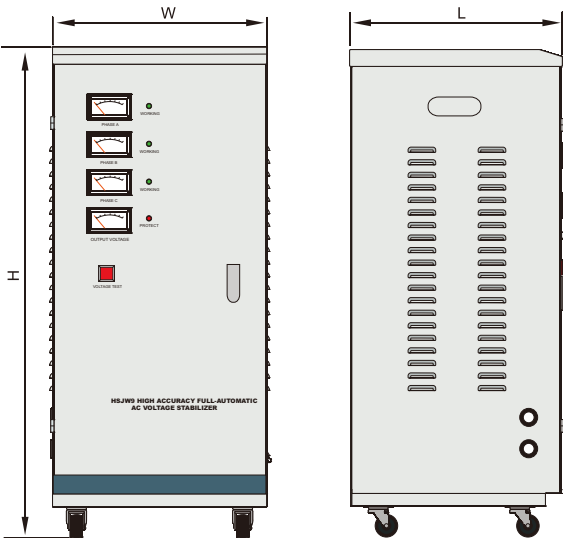
Unit:mm



HSJW Three-phase Full Automatic AC Voltage Stabilizer

Overall Dimensions

■ Cabinet



Shape	Model	Wide x Length x Hight		
		W	L	H
Desktop	HSJW-1P5	485	315	165
	HSJW-3	485	315	165
	HSJW-4.5	485	315	165
Cabinet	HSJW-6	278	322	665
	HSJW-9	320	325	750
	HSJW-15	350	350	855
	HSJW-20	425	390	845
	HSJW-30	440	415	875
	HSJW-45	550	450	1170
	HSJW-60	600	495	1300

HSBW Three-phase Compensation AC Voltage Stabilizer

Function

HSBW three-phase compensation AC voltage stabilizer provide:

- This product is designed and developed with the international advanced compensation technology. It can keep the output voltage in steady state automatically when the network voltage fluctuated or the load current varied.
- It's provided with over-voltage, over-current, phase sequence protection function.



Order Information

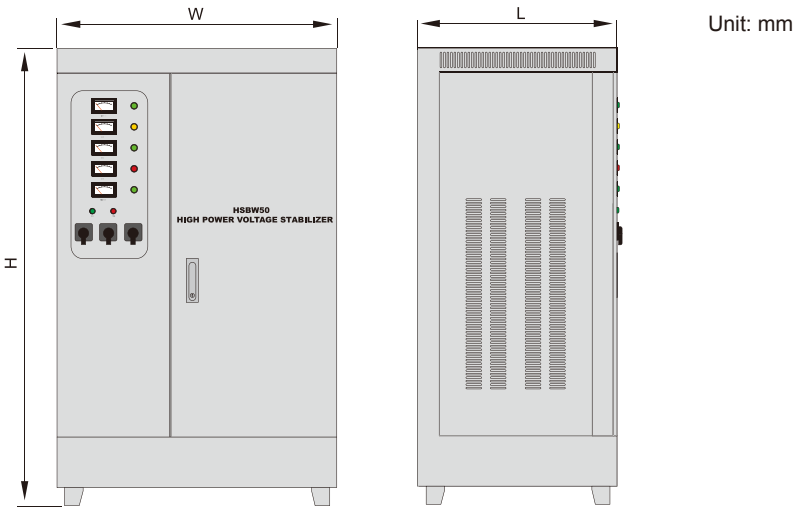
Power rating	Reference
10kVA	HSBW10
15kVA	HSBW15
30kVA	HSBW30
50kVA	HSBW50
100kVA	HSBW100
150kVA	HSBW150
200kVA	HSBW200
250kVA	HSBW250
300kVA	HSBW300
400kVA	HSBW400
500kVA	HSBW500
600kVA	HSBW600
800kVA	HSBW800

Technical Data

Type	HSBW 10KVA~1600KVA	
Output voltage	Voltage regulation accuracy	380V $\pm$ 3%
	Low-voltage protection	340V $\pm$ 7V
	Over-voltage protection	425V $\pm$ 7V
Input voltage range	304~456V	
Efficiency	$\geq$ 98%	
Voltage regulation speed	<1s(voltage fluctuation $\geq$ 10%)	
Frequency	50/60Hz	
Waveform distortion	$\leq$ 1%	
Insulation resistance	$\geq$ 2M Ω	
Withstand voltage	2000V/1min	
Temperature rise	<+60℃	
Environment temp.	-5℃~+40℃	

HSBW Three-phase Compensation AC Voltage Stabilizer

Overall Dimensions



Model	Wide x Length x Hight		
	W	L	H
HSBW-10	750	580	1170
HSBW-20	750	580	1170
HSBW-50	800	570	1300
HSBW-100	850	645	1460
HSBW-200	1050	750	1850
HSBW-500	1400	1100	2100
HSBW-800	1350	1100	2200
HSBW-1000	1050	750	2200
HSBW-1600	1300	1100	2200

Control Signal Overview

■ Indicator Light



HLD11

295

IP degree:IP65

Specification

AC/DC: 6V 12V 24V 36V 48V 110V 220V 230V

AC: 220V 230V 380V

■ Pushbutton Switches



HLAY5

299

IP degree:IP55

Specification

AC-15: 380V/2A 220V/3.3A

DC-13: 220V/0.5A 110V/1.1A



HLAY7

309

IP degree:IP55

Specification

AC-15: 660V/1.1A

380V/2.0A 220V/3.3A

DC-13: 440V/0.25A

220V/0.5A 110V/1A



HLAY8

315

IP degree:IP55

Specification

AC-15: 660V/1.5A

380V/2.5A 220V/4.5A

DC-13: 440V/0.2A

220V/0.4A 110V/0.8A