

VOLTAGE STABILIZERS

HTND Servo Type Voltage Stabilizers

Standard: EN61000-6-2, EN61000-6-4, EN61558-1



Range Presentation

HTND family is Himel range of single-phase servo motor type voltage stabiliers up tp 30kVA with high accuracy and smooth stabilization.

Selection Code

Range name	Power rating	Connection type	Input voltage	Output voltage
HTND	P5	HE	I110	O220
HTND: HTND series	P5: 0.5kVA 1: 1kVA 1P5: 1.5kVA 2: 2kVA 3: 3kVA 5: 5kVA 7: 7kVA 10: 10kVA 10G: 10kVA cabinet 15G: 15kVA cabinet 20G: 20kVA cabinet 30G: 30kVA cabinet	HE: Europe plug (1.5kVA) HB: British plug (only when capacity ≤ 1.5kVA) H: Terminal connect	Default: Standard 150-250V I110: Input: 110-250V	O220: Output 220V O230: Output 230V
HTNDS: HTND2 series	1: 1kVA 1P5: 1.5kVA 2: 2kVA 3: 3kVA 5: 5kVA 7: 7kVA 10: 10kVA 10G: 10kVA cabinet 15G: 15kVA cabinet 20G: 20kVA cabinet 30G: 30kVA cabinet	HE: Europe plug (only when capacity ≤ 10kVA) HB: British plug (only when capacity ≤ 10kVA) H:Terminal connect	Default: Standard 140-250V I85: Input: 85-250V I110: Input: 110-250V	Default: Output 220V O230: Output 230V
HTNDC: HTND3 series	1: 1kVA 1P5: 1.5kVA 2: 2kVA 3: 3kVA 5: 5kVA 7: 7kVA 10: 10kVA 10G: 10kVA cabinet 15G: 15kVA cabinet 20G: 20kVA cabinet 30G: 30kVA cabinet	HE: Europe plug (only when capacity ≤ 10kVA) HB: British plug (only when capacity ≤ 10kVA) H:Terminal connect	Default: Standard 140-250V I85: Input: 85-250V I110: Input: 110-250V	Default: Output 220V O230: Output 230V

Note: Additional features are available, please consult us if you want to customized type.

Spare Parts List - For HTND Family

- √ Servo motor
- √ Carbon brush
- √ PCB
- √ Limit switch
- √ Regulating coil
- √ Compensating coil (when capacity ≥15kVA)
- √ Screen

Note: Spare part list above can be provided on request.

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Technical Parameters				
HTND product series		HTND	HTND2	HTND3
Rated Capacity		kVA	0.5, 1, 1.5, 2, 3, 5, 7, 10, 15, 20, 30	1, 1.5, 2, 3, 5, 7, 10, 15, 20, 30
Output voltage	Accuracy of stabilized voltage	V	0.5-5kVA: 220 (or 230) ±4%; 110 (or 115) ±4% 7-30kVA: 220 (or 230) ±4%	1-5kVA: 220 (or 230) ±4%; 110 (or 115) ±4% 7-30kVA: 220 (or 230) ±4%
	Undervoltage protection	V	184 (or 194) ±4	
	Overvoltage protection	V	246 (or 256) ±4	
Range of input voltage		V	0.5-10kVA: 150-250V 15-30kVA: 150-290V	1-10kVA: 140-250V 15-20kVA: 140-300V 30kVA: 155-285V
Customized input range		V	100-240	85-250
Cooling mode		Air cooling can be customized (not for standard product: standard one is self-cooling)		
Voltage-regulating speed		s	<1 (variation of input voltage is 10%)	
Temperature rise		K	<80	
Frequency		Hz	50/60	
Display mode			Dial Meter (Panel Meter)	LED LCD
Insulation grade			B	
Insulation resistance		MΩ	≥5	
Withstand voltage		V/1min	1500	
Efficiency			92%	
Maximum rated current		A	2.3 (0.5kVA),4.5 (1kVA), 6.8 (1.5kVA), 9.1 (2kVA), 13.6 (3kVA), 22.7 (5kVA), 31.8 (7kVA), 45.5 (10kVA), 68 (15kVA), 90.9 (20kVA), 136 (30kVA)	
Certification			CE	
Standard			EN61000-6-2/ EN61000-6-4/EN61558-1	

Note:

- By-pass is available for 30kVA
- Customization of additional protection on request.