



Shanghai Wenlida Technology Co. Ltd.

Add: NO.2439 Gaoshi road, Jiading District, Shanghai, China



无触点补偿式稳压器

NO.	TECHNICAL REQUIREMENTS	TECHNICAL SPECIFICATIONS	
1	PRODUCT NAME	Three-phase non-contact voltage stabilizer	Single-phase non-contact voltage stabilizer
2	SPECIFICATION MODEL	ZSBW-#####KVA	ZDBW-#####KVA
3	RATED CAPACITY	10~1600kVA	3~50kVA
4	INPUT VOLTAGE	Three-phase five-wire, 380V±15%	Single-phase 220V±15%
5		Notes: 1. The input voltage value can be customized according to customer requirements. 2. The input voltage range can be customized according to customer requirements.	
6	OUTPUT VOLTAGE	Three-phase 380V	Single-phase 220V
7		Note: The output voltage value can be customized according to customer requirements.	
8	RATED CURRENT	15~2431A	13~227A
9	THREE-PHASE UNBALANCE	Automatic balance of three-phase output voltage	
10	VOLTAGE REGULATION ACCURACY	±(1~5)% adjustable, ±2% @ factory default setting	
11	DELAYED OUTPUT	Stabilize the voltage before outputting (to protect the equipment from shock)	
12	OPERATING FREQUENCY	50Hz/60Hz	
13	PRESSURE RESISTANCE	No breakdown occurs at 2000V for one minute	
14	WAVEFORM DISTORTION	No additional waveform distortion (static)	
15	EFFICIENCY	≥98%	
16	INSULATION RESISTANCE	≥2MΩ	
17	RESPONSE TIME	Fast (20~100ms)	



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18	PROTECTION FUNCTION	OVER-VOLTAGE	When the output phase voltage exceeds 10% of the rated voltage value, the output will be cut off, or the system will switch to a bypass without interruption, or remain inoperative (configurable)		
19		UNDER-VOLTAGE	When the output phase voltage falls below 10% of the rated voltage, the output will be cut off, or the system will seamlessly switch to a bypass mode, or remain inoperative (configurable)		
20		OVERLOAD	Electronic detection, cut off output within 3 minutes of overload or switch to bypass without interruption (configurable)		
21		OVER-CURRENT	Dual protection by electronic detection and circuit breaker		
22		SHORT CIRCUIT	Dual protection by electronic detection and circuit breaker		
23		BYPASS	Uninterrupted automatic bypass		
24		PHASE LOSS	Equipped with (automatic shut-off)		
25		PHASE SEQUENCE	Utilizing digital phase detection technology, it is precise and reliable, effectively avoiding malfunctions caused by harmonic interference		
26		INSTRUCTION	VOLTAGE	The touch screen displays the true effective values of the three phases A, B, C, and Σ ABC respectively	LCD screen displays true effective value
27	CURRENT		The touch screen displays the true effective values of the three phases A, B, C, and Σ ABC respectively	LCD screen displays true effective value	
28	ABNORMAL		Overvoltage, undervoltage, overload, fuse failure, phase loss, and phase mismatch	Overvoltage, undervoltage, overload, fuse failure	
29	WORK STATUS		It features both voltage stabilization and mains power operation modes		
30	OVERLOAD CAPACITY		5 times the rated current for 1 second		
31	HUMAN-MACHINE INTERFACE		The intelligent human-machine operation interface panel facilitates the setting and querying of various parameters		
32	PERFORMANCE CHARACTERISTICS (MULTIPLE ADJUSTMENT METHODS CAN BE SET)		Synchronization: When synchronization is set, the AD simultaneously collects the true effective values of the three-phase voltages A, B, and C for average calculation, and gives instructions for compensation, which can effectively improve the imbalance of the three-phase voltage		
33			Phase adjustment: When setting the phase adjustment, the three-phase voltages are individually adjusted to ensure that all three phases are within the accuracy range, making it particularly suitable for single-phase loads		
34			Automatic judgment: The microcomputer automatically analyzes whether to perform harmonic tuning or separate tuning		
35	OPERATING	AMBIENT TEMPERATURE		-15°C~+45°C	



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36	ENVIRONMENT	ALTITUDE	No more than 2000 meters
37		RELATIVE HUMIDITY	≤90%
38		INSTALLATION SITE	It should be free from gases, steam, chemical precipitates, dust, and other explosive and corrosive media that may seriously affect the insulation of the voltage regulator
39		STORAGE TEMPERATURE	-40°C~+70°C
40	ENCLOSURE LEVEL	STANDARD PROTECTION LEVEL: IP20	
41		NOTE:THE PROTECTION LEVEL OF THE CHASSIS CAN BE CUSTOMIZED ACCORDING TO CUSTOMER REQUIREMENTS.	
42	DIMENSIONS (W * D * H) MM	350*600*750MM ~ 2400*1000*2200MM	220*500*370mm ~ 400*650*700mm
43	PACKAGING	PLYWOOD WOODEN BOX PACKAGING	
44	STANDARD	YD/T1270-200	