



# Shanghai Wenlida Technology Co. Ltd.

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



## SVG

NO.	TECHNICAL REQUIREMENTS		TECHNICAL SPECIFICATIONS			
1	BASIC PARAMETERS	PRODUCT NAME	Static VAR generator			
2		MODEL	30kvar	50kvar	75kvar	100kvar
3		OPERATING VOLTAGE	According to customer requirements, choose: 1. 400±20% 2. 220±15% 3. 690±15% 4. 750±15% 5. 800±15%			
4		OPERATING FREQUENCY	50/60Hz±5Hz			
5		POWER FACTOR	-1~+1			
6		WIRING METHOD	3-phase 3-wire system			
7		CURRENT SAMPLING	5A (CT:100/5~ 10000/5)			
8		SAMPLING CURRENT POSITION	According to customer requirements, choose: 1. Load side 2. Grid side			
9		TOPOLOGY CIRCUIT	three-level			
10		NUMBER OF PARALLEL-CONNEC TABLE UNITS	infinite			
11		SWITCH OPERATING FREQUENCY	21.6KHZ			
12		COOLING METHOD	Smart Air Cooling			

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13		REACTIVE POWER COMPENSATION	The power factor can be set within the range of -100% to +100%.
14		THREE-PHASE UNBALANCE	100% comprehensive compensation support for imbalances
15		OVERLOAD PROTECTION	support
16		INSTANTANEOUS RESPONSE TIME	< 100 $\mu$ s
17		TOTAL REPOSE TIME	<10ms
18		NOISE	<65dB
19		PROTECTION FUNCTION	Through system self-diagnosis, it features over-voltage protection, under-voltage protection, frequency abnormality protection, over-temperature protection, over-current protection, short circuit protection, phase loss protection, DC bus over-voltage protection, DC bus under-voltage protection, IGBT fault protection, inverter bridge reverse protection, etc.
20	COMMUNICATION MONITORING	EXTENDED FEATURES	10-channel TSC interface, capable of operating in combination with TSC/TSF.
21		COMMUNICATION INTERFACE	RS485 network port
22		COMMUNICATION PROTOCOL	According to customer requirements, choose: 1. Electricity Master Protocol 2. Modbus Protocol 3. TCP/IP
23		REMOTE CONTROL	Yes, all parameters can be set by the host computer.
24		DISPLAY INTERFACE	Touch screen (4.3/7 inches)
25		DISPLAY INFORMATION	Display grid parameters, such as voltage, current, power, and harmonics
26		MONITOR	According to customer requirements, choose: 1. Independent monitoring of each module 2. Centralized monitoring of each module
27		FAULT ALARM	Up to 500 alarm messages can be recorded
28	USAGE ENVIRONMENT	AMBIENT TEMPERATURE	-10°C~+45°C
29		STORAGE TEMPERATURE	-40°C~+65°C
30		RELATIVE HUMIDITY	Up to 95% maximum, no condensation
31		ALTITUDE	Below 1500m. If exceeding, the power will decrease by 1% for every additional 100m.
32		ENCLOSURE LEVEL	IP20 (conventional) can be customized to meet higher protection levels according to customer needs.



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33	INSTALLATION METHOD	ACCORDING TO CUSTOMER REQUIREMENTS, CHOOSE: 1. WALL-MOUNTED (MODULE) 2. RACK-MOUNTED (MODULE) 3. FULL-CONTAINER (COMPLETE MACHINE)
34	WIRING METHOD	ACCORDING TO CUSTOMER REQUIREMENTS, CHOOSE: 1. LOWER INCOMING LINE 2. UPPER INCOMING LINE
35	PACKAGING	PLYWOOD PACKAGING