

STB-11 intelligent ac stabilizer voltage supply

Voltage stabilizer special for household appliances



General

STB-11 series intelligent AC stabilized voltage supply is the second generation product developed by our company. It adopts 8-digit CPU manufactured by world-famous Samsung Company, its voltage stabilizing precision and delay time can be set according to need. With protection functions of time lag, over voltage inverse time-delay, under-voltage, overload, excess temperature, mechanical fault, etc. This type of product has characteristics of liquid crystal display, blue screen back light and interface dynamic display, it can display the realtime working state of the machine, when there is any abnormal, the interface will display relative indications accompanied with long or short alarming sound.

sizeD × W × H(cm)	Curent	Power	Model
40x36x56	40 A	10000VA	STB-11-10KVA
Input voltage	Single-phase 160V-250V	Overload protection value	2.8 times of rated power
Output voltage	①Single-phase 0.5KVA-3KVA 220V and 110V ②Single-phase 5KVA-30KVA 220V	Protection value for excess temperature	90°C
Accuracy of voltage stabilization	At 220V, ① ± 1% ② ± 3% ③ ± 5%	Load power factor	0.8
	At 110V, ① ± 2% ② ± 6% ③ ± 10%	Adjusting time	Input voltage changes for 10%, it is <1s
Frequency	50Hz/60Hz	Waveform distortion	No additional waveform distortion
Delay time	Long 180s, short 5s	Dielectric strength	1,500V/min
Over-voltage protection value	①250V/delay 5S; ②275V/ delay 2S	Insulation resistance	≥2MΩ
	③295V/ delay 1S; ④305V/ delay 0S	Insulation class	Class E
Under-voltage protection value	180V/ delay 5S	Working environment	Temperature: -5°C~+40°C Humidity: <90%

