



**AC voltage stabilizers (TSD intelligent type)**

**General**

TSD series intelligent A C voltage stabilizer , which is developed by our company adopts 8 - position CPU manufactured by the world-famous Samsung Company. It has kinds of protections against time-lag, over-voltage, under-voltage, overload and excess temperature and so on, uses hanging type installation for requiring small area. Besides, its soft appearance gives us a favorable visual feeling.

**Application**

For office equipment, testing equipment, medical equipment, industrial automation equipment, household appliance, lighting system, communication system, etc.

**Performance**

Input voltage	Single-phase 150V-270V
Output voltage	Single-phase 220v
Accuracy of voltage stabilization	5%
Frequency	50Hz/60Hz
Adjusting time	<1s (when input voltage has a change of 10%)
Efficiency	>90%
Over-voltage Protection value	①250V/delay5S ②275V/delay 2s ③295V/delay 1s ④305V/0s
under-voltage protection value	180V/delay 5s
Delay time	Long 180S,short 5s
Overload protection value	1.05times of rated power/60s 1.4times of rated power/5s 2times of rated power/0s
Excess temperature rotection value	100°C
Ambient temperature	-5°C--+40°C
Relative humidty	≤90%
Waveform distortion	No additional waveform distortion
Load power factor	0.8
Dielectric strength	1500V/min
Insulation resistance	≥2MΩ

**Model and specification**

Spec(KVA)	Product size D*W*H(cm)	Package size D*W*H(cm)	Weight(kg)	Qty
TSD-3	37*25*13	42*32*18	12	1
TSD5	43*30*14	49*36*19	18	1
TSD-8	48*32*19	52*38*25	25	1
TSD-10	48*32*19	52*38*25	28	1