

TSD

(hanging type)
servo ac voltage stabilizer



General

TSD (hanging type) servo mode AC voltage stabilizer is developed on the base of SVC series high accuracy full-automatic AC voltage stabilizer. Compared with the original product, this type possesses higher quality and more functions, novel and luxurious appearance, hanging type installation for requiring small area . It forms the control system with linear integrated circuit and logical circuit, and drives the contact type voltage regulator to regulating automatically by controlling the servo motor. It adopts high precision servo voltage stabilizing technology which usually is applied to industry for civilian industry product, to conquer the weakness of instantaneous power failure of traditional switching, and consequently realize high precision and uninterrupted stable voltage output, when the voltage from outer power network is not stable, it also can guarantee the top grade electrical appliances work safely and normally and prolong their service lives effectively, it is really the only ideal protection product for household and imported top grade electrical appliances (power supply of 110V).

Application

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

Performance

Input voltage	Single-phase 140V-250V
Output voltage	Single-phase 220V and 110V
Voltage stabilizing precision	220V 3% and 110V 6%
Frequency	50Hz/60Hz
Adjusting time	< 1s (when input voltage has change of 10%)
Efficiency	90%
Over-voltage protection	246V 4V
Under-voltage protection	184V 4V
Ambient temperature	-5 - +40
Relative humidity	90%
Waveform distortion	No additional waveform distortion
Load power factor	0.8
Dielectric strength	1500V/min
Insulation resistance	2M
Delay time	Long 5min 2min, short 5s 2s

Model and spec

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	14	1
TSD-4	37 25 13	42 32 18	15	1
TSD-5	43 30 14	49 36 19	22	1
TSD-6	43 30 14	49 36 19	23	1
TSD-7	43 30 14	49 36 21	25.5	1
TSD-8	48 32 19	52 38 25	32	1
TSD-10	48 32 19	52 38 25	37	1