

TNS THREE PHASES Series

FULLY AUTOMATIC AC VOLTAGE REGULATOR

ISO9001 CE

TNS series three phase high precision automatic voltage regulator is combined with TND (SVC) three phase high precision automatic voltage regulator. Three phases adjust individually to guarantee steady safe voltage in per phase. The incoming power of network is three phase four wires system, starlike (Y) connection, the output power can be made in three phases four wires or three phases three wires, three ampere meters indicate the output current per phase, testing the outline voltage of per phase by a switch & voltage meter shift.

OUTLINE & PACKING

SPECIFICATIONS:



MODEL	RATE CAPACITY (KVA)	WEIGHT (KG)	DIMENSION (CM)
TNS-6K	6	34	36 x 28 x 68
TNS-10K	10	43	38 x 32 x 78
TNS-15K	15	68	44 x 36 x 78
TNS-20K	20	70	44 x 36 x 78
TNS-30K	30	85	52 x 40 x 86
TNS-40K	40	91	49 x 46 x 97
TNS- 45K	45	95	49 x 46 x 97
TNS- 50K	50	100	49 x 46 x 97
TNS- 60K	60	185	64 x 57 x 118
TNS- 75K	75	196	64 x 57 x 118
TNS- 100K	100	257	67 x 55 x 132
TNS- 120K	120	260	81 x 70 x 147
TNS- 150K	150	372	84 x 70 x 147
TNS-200K	200	390	125 x110x 190
TNS- 300K	300	400	125 x110x 190

INPUT VOLTAGE RANGE	320 Vac - 480 Vac $\pm 20\%$ 3Phase (3 wires + Neutral + Ground) Wye
OUTPUT VOLTAGE	380 Vac $\pm 2.5\%$ 3Phase (3 wires + Neutral + Ground) Wye
VOLTAGE UNBALANCE CORRECTION	1%
FREQUENCY	50Hz to 60Hz
EFFICIENCY	>90%
RESPONSE TIME	20ms
AMBIENT TEMPERATURE	-10 °C to +40 °C
INSULATION RESISTANCE	>20 M Ω
WAVEFORM	Sinusoidal
PROTECTION	Undervoltage, Overvoltage, Overcurrent, Surge Protection

