



## TND SERIES 1 PHASE STABILISERS



### Principle & Characteristics :

These stabilisers incorporate advanced monitoring and compensation technology. They monitor and control the output voltage to a steady state automatically when the supply voltage fluctuates or the load current varies, which ensures smooth running of equipment and facilities. Control is achieved by the servo motor constantly adjusting the Variable transformer to acquire the correct output. They have the advantage of large capacity, high efficiency, no waveform distortion, simple and reliable operation and low maintenance. They retain full-capacity output under full range of input voltage which is a competitive edge over other voltage stabilizers. They also provide for under-voltage, over-voltage and over-current protection.

### Applications :

They are therefore suitable for use in practically all applications from domestic to Industrial machinery and electronic equipment.

### Main Technical Specifications :

- Range from 500VA to 20KVA,
- Input Voltage 150V to 250V ( or to customer requirements ),
- Output Voltage 230V ( or to customer requirements )
- Regulation accuracy : +/- 3% ,
- Response time : <1sec,
- Efficiency > 90%,
- No Waveform Distortion
- Ambient Temp : -5degC to 40degC,

### Overall Dimensions and Weight ( for reference only )

Order Code	VA	Dimensions ( mm ) W x D x H	Weight ( kgs. )	No. of Cubicles
TND-500	500	190 x 180 x 145	4.8	BENCH TYPE
TND-1000	1000	213 x 206 x 165	6.1	
TND-1500	1500	213 x 206 x 165	6.4	
TND-2000	2000	240 x 285 x 200	10.4	
TND-3000	3000	225 x 295 x 230	13	
TND-5000	5000	225 x 310 x 290	18.3	
TND-7500	7500	270 x 530 x 245	30.0	
TND-10000	10000	270 x 530 x 245	37.5	
TND-10000	10000	310 x 340 x 560	42.0	
TND-15000	15000	310 x 340 x 560	68.5	
TND-20000	20000	330 x 360 x 660	75.5	

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