

TOROS

Series

**Servo Voltage Stabilizers Technical Specifications**  
1-3250 kVA 1 Phase Input / 1 Phase Output - 3 Phase Input / 3 Phase Output



MODEL (See Below Table)	1 PHASE	3 PHASE
Power Range	1-1000 kVA	3-3250 kVA
Input Voltage Range	150-250 Vac*	275-450 Vac*
Min. Input Range (Optional)	120-230 Vac	210-400 Vac
Output Voltage	220 Vac (Optional 230-240Vac)	380 Vac (Optional 400-415 Vac)
Output Voltage Tolerance	± 2%	
Frequency	50 Hz (On Request 60 Hz)	
Correction Speed	150 V/sn.	
Control Method	Microprocessor Controlled	
Display	Input / Output Voltage and Currents	
Efficiency	> %95	
Conductor Type	Aluminium (On Request Copper)	
High Voltage Protection	Optional	
Phase Protection Unit	Optional	
Over Temperature Protection	Optional	
Over Current Protection	Optional	
Short Circuit Protection Unit	Optional	
Operating Temperature	-10 ~ +40°C	
Storage Temperature	-25 ~ +60°C	
Altitude	<3000 m.	
Protection Class	IP 20 (21,22,31,44,31,44,54 Optional)	
Acoustic Noise	<60 dBA (from 1 m.)	
Standards	TS EN 61000, EN 55011:2009, EN 1558-1	

\* Other Voltage ranges can be manufactured per request

SINGLE PHASE MODELS		THREE PHASE MODELS			
MODEL NO	POWER	MODEL NO	POWER	MODEL NO	POWER
TOROS 1001	1 kVA	TOROS 30003	3 kVA	TOROS 30250	250 kVA
TOROS 1002	2 kVA	TOROS 30006	6 kVA	TOROS 30300	300 kVA
TOROS 1004	3,5 kVA	TOROS 30010	10,5 kVA	TOROS 30400	400 kVA
TOROS 1005	5 kVA	TOROS 30015	15 kVA	TOROS 30500	500 kVA
TOROS 1008	7,5 kVA	TOROS 30023	22,5 kVA	TOROS 30600	600 kVA
TOROS 1010	10 kVA	TOROS 30030	30 kVA	TOROS 30800	800 kVA
TOROS 1015	15 kVA	TOROS 30045	45 kVA	TOROS 31000	1000 kVA
TOROS 1020	20 kVA	TOROS 30060	60 kVA	TOROS 31200	1200 kVA
TOROS 1025	25 kVA	TOROS 30075	75 kVA	TOROS 31600	1600 kVA
TOROS 1030	30 kVA	TOROS 30100	100 kVA	TOROS 32000	2000 kVA
TOROS 1040	40 kVA	TOROS 30150	150 kVA	TOROS 32500	2500 kVA
TOROS 1050	50 kVA	TOROS 30200	200 kVA	TOROS 33250	3250 kVA



**GENERAL SPECIFICATIONS**

- Wide power range from 1kVA to 3250kVA
- Provides stable voltage to your critical loads like as industrial and military devices, CNC machine tools, elevators, medical system etc.
- Excellent Voltage Regulation.
- TOROS Series stabilizers quickly pay itself with his long-lasting and maintenance free structure.
- High speed correction by PWM control technology.