

DLT STK 33 SERIE

STATIC VOLTAGE STABILIZERS 30 -2000 kVA

DELTA Threephase Static
Voltage Stabilizers are:
Multi-tap autotransformer;
Microprocessor control system.

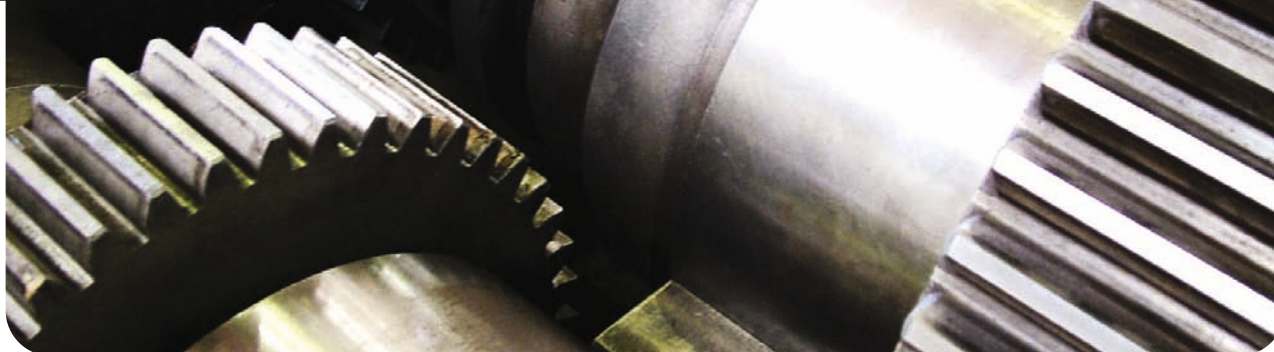


Static Voltage Stabilizers Triphase 30-2000 kVA

Technical Specifications

- Power 30 - 2000 kVA
- Input Voltage 155 - 490 VAC 3 Phase
- Input Frequency 50 Hz
- Output Voltage 380 VAC $\pm$ % 2 3 F+ N
- Regulation Rate 1000 V / Sec.
- Efficiency > % 97
- Operating Temperature 0 °C - 40 °C
- Overload 20 ms for % 500 over load
- Relative Humidity up to % 0 - % 95
- Acoustic Noise < 50 dBA
- Basic Advantages:
 - Sensitive and fast TRUE RMS reading modul
 - in 20 mil second reading
 - Fast regulation modul
 - 200 V x 50Hz = 10.000 V / Sec.
 - Improvable output regulation structure
 - Reading power parameters
 - Modular card structure
 - No need maintenance. It is completely static.
 - Ability to work under whatever with cos μ load
 - Ability to discriminate Non-Linear load and short circuit.
 - In the case of short circuit It prevents blowing of fuse
 - Reoperating from short circuit.
 - In the case short circuit none of static switch is to spoil





Specifications															
MODEL	330030	330045	330060	330075	330100	330120	330150	330180	330250	330300	330400	330500	330800	331000	332000
Power kVA	30	45	60	75	100	120	150	180	250	300	400	500	800	1000	2000
REGULATOR INPUT															
In.Vol.Correct.Interval	275 - 440 VAC														
In.Vol.Working Interval	155 - 490 VAC														
Operation Frequency	47...65 Hz														
Line Input Protection	Overcurrent thermic fuse and sudden overburden protection														
REGULATOR OUTPUT															
Output Voltage	380 / 400 / 415 VAC RMS ± %2														
Overloading	10 Sec. % 200 Load % 500 Load 20 ms														
Correction Speed	~ 1000 Volt / Sec.														
Upturn Period	20 ms														
Output Protection	Short circuit, overburden, overcurrent electronic protection, protects load via opening control														
WORKING PRINCIPLE															
	Microprocessor controlled, full automatic, static, semi conductor electronic structure maintenance free														
CONTROL PANEL															
Display and Buttons	Display Screen														
Alert Message	Input Low / Hi, Output Low / Hi, Over temperature (Smart Fan System)														
Meas.Value Monitorization	Output Voltage, Network Voltage														
Out. Up. Protect.limit	Standart														
Out. Sub Protect.limit	Standart														
Regulation Voltage	Standart														
GENERAL															
Total Efficiency	> % 97 (Full Load)														
Mechanical ByBass	“Manually Controlled Line - PAKO SWITCH Selects Voltage Regulator” Switch Turn On / Off														
Protection Level	IP20														
ENVIRONMENTAL															
Working Temperature	-10 °C / 50 °C														
Storage Temperature	- 25 °C / +60 °C														
Relative Humidity	< % 90, DIN (40040)														
Working Altitude	< 2000 m.														
Noise Level	< 50 dB (1 metersquare)														
Documents	ISO 9001 // Ce // TÜV Austria Hellas														
Dimensions (HxWxD)	104x43x50	128 x 53 x 58				148 x 53 x 68			130 x120 x 90			155x140x120	155x150x130	200x210x140	200x240x150
Weight	130	195	225	250	330	360	450	550	1100	1170	1250	1600	1800	2200	4000

Continuous Power, Uninterruptible Life