



DLT STK 33 SERIE

STATIC VOLTAGE
STABILIZERS
30 -2000 kVA

STABILIZERS



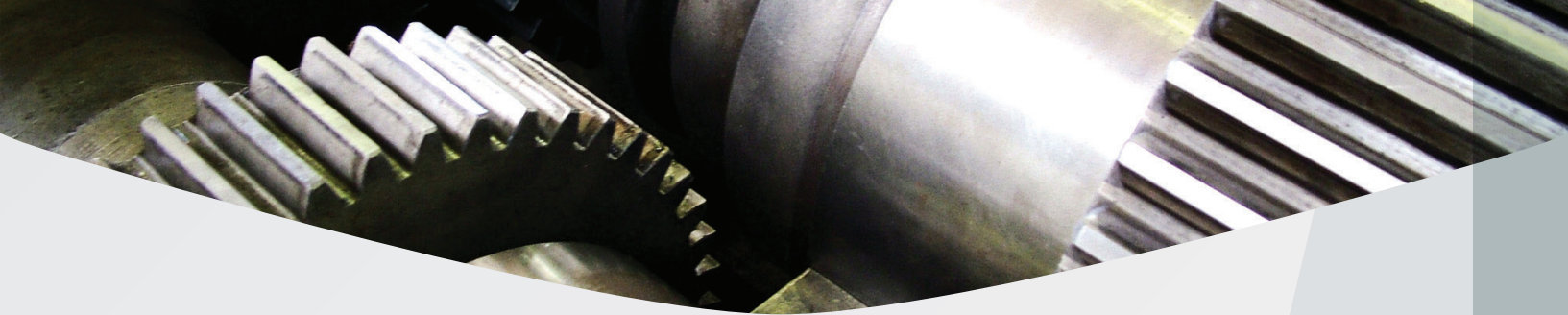
DELTA Threephase Static Voltage Stabilisers are:
Multi-tap autotransformer;
Microprocessor control system.

Static Voltage
Stabilizers Triphase
30-2000 kVA

TECHNICAL SPECIFICATIONS

- 3 phase in / 3 phase out
- Power 30-2000 kVA
- Input Voltage 155 - 490 VAC 3 Phase
- Input Frequency 50 Hz
- Output Voltage 380 VAC 3 F+ N
- Output Voltage Tolerance + - % 2
- Regulation Rate 5000 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
 - 200Volt * 50Hz = 10.000 Volt/Second
 - Improvable output regulation structure
 - Reading power parameters
 - Modular card structure
 - No need maintenance. It is completely static.
 - Beginning failure doesnt exist.
 - 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





Technical Specifications

| MODEL | 33030 | 33045 | 33060 | 33075 | 33090 | 330100 | 330120 | 330150 | 330180 | 330200 | 330250 | 330300 | 330400 | |
|---|---|-------|-------|-------------|-------|--------|------------------|--------|--------|--------|-----------------|--------|--------|--|
| Power kVA | 30 | 45 | 60 | 75 | 90 | 100 | 120 | 150 | 180 | 200 | 250 | 300 | 400 | |
| 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 VAC RMS \pm % 3 | | | | | | | | | | | | | |
| Overloading | 10 Saniye % 200 Load | | | | | | % 500 Load 20 ms | | | | | | | |
| Correction Speed | ~ 5000 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. | | | | | | | | | | | | | |
| Acoustic Level | < 50 dB (1 metersquare) | | | | | | | | | | | | | |
| Documents | ISO 9001 // Ce // TÜV Austria Hellas | | | | | | | | | | | | | |
| Dimensions (YxDxG) | 100x60x45 cm | | | 111x63x45cm | | | 127x71x52 cm | | | | Special Cabinet | | | |
| Weight | 115 | 155 | 196 | 210 | 250 | 265 | 295 | 310 | 340 | 380 | | | | |

