

DLT SRV

33 SERIE

FULL AUTOMATIC AC SERVO VOLTAGE STABILIZERS 3-150 kVA

DELTA Voltage regulators are servo drive structure, microcontroller controlled heavy duty devices which regulates mains voltage for critical loads.



Full Automatic Triphase 3-150 kVA

SINGLE PHASE 100-110-115-120
127-200-220-230-240-265-277 Volt
TRIPHASE 208-220-230
240-380-400-415-440-460
480-500 Volt
IP20, IP21, IP31, IP44, IP54,
Versions Available

Technical Specifications

- DELTA SRV33 Series 3 phase in / 3 phase out (3-150 kVA)
- DELTA SRV33 series are three phase voltage stabilizers regulates mains voltage and brings many advantages.
- Non-linear charges drive
- 3 phase input 3 phase output
- Wide power and voltage interval
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole change switch
- Safe and economic usage
- Overcurrent and overload protection (Optional)
- Digitally displayed status, input & output measurements
- 2 years warranty
- 10 years spare parts support.





| Specifications | | | | | | | | | | | | |
|---------------------------|--|-------|-------|--------|---------------|--------|--------|---------------|--------|--------|---------------|--------|
| MODEL | 33003 | 33006 | 33010 | 330015 | 330020 | 330030 | 330045 | 330060 | 330075 | 330100 | 330120 | 330150 |
| Power kVA | 3 | 6 | 10,5 | 15 | 22,5 | 30 | 45 | 60 | 75 | 100 | 120 | 150 |
| REGULATOR INPUT | | | | | | | | | | | | |
| In.Vol.Correct.Interval | 190 - 485 VAC / 275 - 450 VAC / 310 - 450 VAC | | | | | | | | | | | |
| In.Vol.Working Interval | 155 - 490 VAC | | | | | | | | | | | |
| Operation Frequency | 47...65 Hz | | | | | | | | | | | |
| Line Input Protection | Overcurrent, Low and High voltage protection | | | | | | | | | | | |
| REGULATOR OUTPUT | | | | | | | | | | | | |
| Output Voltage | 380 / 400 / 415 VAC RMS \pm %1 | | | | | | | | | | | |
| Overloading | 10 Sec. % 200 Load | | | | | | | | | | | |
| Correction Speed | ~ 90 Volt / Sec. | | | | | | | | | | | |
| Upturn Period | ~ 90 Volt / Sec. (160 VAC - 250 VAC) | | | | | | | | | | | |
| Output Protection | Protects load by opening the circuit when overburden, short circuit occurs. | | | | | | | | | | | |
| WORKING PRINCIPLE | | | | | | | | | | | | |
| | Servo Motor, Microprocessor Controlled, Full Automatic | | | | | | | | | | | |
| GENERAL | | | | | | | | | | | | |
| Cooling | Smart Fan System | | | | | | | | | | | |
| Measured Value Monitor. | DELTA TRUE RMS Panel Voltmeter (74x74 mm) output voltage and line voltage monitorization | | | | | | | | | | | |
| Total Harmonic Distortion | - | | | | | | | | | | | |
| Total Efficiency | > % 96 | | | | | | | | | | | |
| Mechanical By-Pass | "Manually Controlled Line - PAKO SWITCH Selects Voltage Regulator" Switch Turn On / Off | | | | | | | | | | | |
| Protection Level | IP 20 // IP 25 | | | | | | | | | | | |
| ENVIRONMENTAL | | | | | | | | | | | | |
| Working Temperature | -10 °C / 50 °C | | | | | | | | | | | |
| Storage Temperature | - 25 °C / +60 °C | | | | | | | | | | | |
| Relative Humidity | < % 90, DIN (40040) | | | | | | | | | | | |
| Working Altitude | < 3000 m. | | | | | | | | | | | |
| Acoustic Level | < 50 dB (1 metersquare) | | | | | | | | | | | |
| Documents | CE // TÜV Austria Hellas (ISO 9001) | | | | | | | | | | | |
| DIMENSIONS (cm) | | | | | | | | | | | | |
| HxWxD (cm) | 110 x 50 x 44 | | | | 119 x 60 x 44 | | | 140 x 85 x 64 | | | 163 x 90 x 69 | |
| Weight (kg) | 75 | 90 | 125 | 135 | 154 | 181 | 227 | 330 | 356 | 456 | 520 | 600 |

Continuous Power, Uninterruptible Life