

## DLT SRV 33 Serie

Full Automatic Three Phase  
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.

SINGLE PHASE 110-115-120-127-220-230-240 VAC  
THREE PHASE 220-230 240-380-400-415-440 VAC  
IP20, IP21, IP54, Versions Available

### Technical Specifications

- DELTA SRV33 series are three phase voltage stabilizers regulate mains voltage and bring 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 charge switch
- Safe and economic usage
- Overload protection
- 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
<b>REGULATOR INPUT</b>												
In.Vol.Correct.Interval	275 - 450 VAC (Optional: 190-415VAC)											
Operation Frequency	47...65 Hz											
Line Input Protection	Overcurrent, Low and High voltage protection											
<b>REGULATOR OUTPUT</b>												
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.											
<b>WORKING PRINCIPLE</b>												
Servo Motor, Microprocessor Controlled, Full Automatic												
<b>GENERAL</b>												
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											
<b>ENVIRONMENTAL</b>												
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											
Documents	CE // TÜV Austria Hellas (ISO 9001)											
<b>DIMENSIONS (cm)</b>												
HxWxD (cm)	110 x 40 x 63				119 x 40 x 63			140 x 88 x 60			165 x 93 x 65	
Weight (kg)	75	85	95	105	125	145	165	260	280	310	400	425