

# DALTON

Automatic Voltage Regulator  
Three Phases  
Servomotor Technology



**SRV33 Series**  
(10-200KVA)



- Stable and Uninterrupted Feeding.
  - Wide Correction area.
  - Quick Regulation.
  - High reliability with microprocessor driver.
  - Feature to transfer Bypass to loaded with Polar Switch
  - Charge / discharge Current Indicator.
  - Over load and over current high protection.
  - LCD level Volt & amp.
  - Quality and long-lasting material.
  - Short delivery time .
  - 15 Years Spare parts Support.
- 
- hospitals
  - Banks
  - Industrial loads
  - Radio and television transmitting stations
  - CNC Machine Tools
  - Factory, Hotel and Apartment General Entries
  - All laboratories where electrical and electronic devices are located
  - Heating and cooling air conditioners
  - All kinds of electronic weaving embroidery and knitwear looms

# Technical Specifications

Model	SRV33 10	SRV33 15	SRV33 22.5	SRV33 30	SRV33 45	SRV33 60	SRV33 75	SRV33 100	SRV33 120	SRV33 150	SRV33 200
Rating Power	10KVA	15KVA	22.5KVA	30KVA	45KVA	60KVA	75KVA	100KVA	120KVA	150KVA	200KVA
Input voltage range correction	275 - 430 VAC for 3 phases; / 210 - 415 VAC for 3 phases (Optional)										
Output voltage	380 VAC RMS $\pm$ 1% for (3 phases)										
Power factor	0.8										
Operation frequency	50 Hz. $\pm$ % 5										
Fixing (control) speed	~ 80 Volts / Second										
Indicator and buttons	True RMS digital voltmeter, microprocessor										
Working technique	Full automatic servo control with microprocessor control										
Total output	> 95% (full load)										
Monitoring measured values	LCD Load level , Volt per Phase ,Amp per phase										
Excessive loading	10 seconds, 200% overload										
Time of setting	~ 900 ms. (From 160 V AC to 250 VAC)										
Output upper limit adjustment (option)	40 V, 245 V, 255 V and 265 V can be selected with the DIP SWITCH.										
Output lower border shift set (option)	170 V, 180 V, 190 V and 200 V can be selected with the DIP SWITCH.										
Output delay time (optional)	1 sec, 2.5 sec, 5 sec and 10 sec can be selected with DIP SWITCH.										
Operating temperature	0°C / + 50°C										
Protection class	IP 20 / IP 25										
Relative humidity	90% maximum DIN (40040)										
Working height	2000 meter										
Acoustic level	Less than 50 Db										
Mechanical by-pass	Manually controlled "Mains - Voltage regulator" selector PAKO SWITCH										
Output tolerance setting	1.5%, 2.5%, 3.5% and 5% can be selected with DIP SWITCH.										
H*W*L (mm)	1000×500×400		1100×550×400		1200× 600×400	1350×800×500			1450×900×650		1600× 950×800
Weight (kg)	120	140	160	190	240	330	360	460	560	610	690

# DALTON

Dalton Power (UK) Ltd | Unit 3 Narberth Bridge Business Park Narberth SA67 8RF | United Kingdom  
 Tel: +44 (0) 190 557 0358 Fax: +44 (0) 183 445 0092 Email: [info@daltonpower.co.uk](mailto:info@daltonpower.co.uk)  
[www.daltonpower.co.uk](http://www.daltonpower.co.uk)

