

Automatic Voltage Regulator

Servo motor technology

SRV11 Series 10KVA-100KVA Single Phase

SRV33 Series 15KVA-2000KVA Three Phase

- Excellent power supply with full protection
- Extremely wide voltage regulation range
- Maintenance free roller type carbon brush
- Individual regulation with unique small dimension
- Maximum capacity up to 2000KVA
- High Mean time Between Failure(MTBF)
- Reliable and quiet servo motors
- Wheels mounted for easy installation
- Start up delay to prevent over current inrush
- Isolation transformer on request
- Indoor or outdoor version on request



Overview

Voltage regulation problems account for more than 90% of the power quality problems seen at most sites. The META Voltage Stabilizers provide protection against mains power sags, surges and brownouts. It is ideal for geographical regions that are subject to inconsistencies in the mains supply, such as Africa, Asia and certain parts of Europe.

Each stabilizer has a wide input voltage tolerance, and has been designed to provide the ultimate reliability in hostile environments, where the quality of the mains supply cannot be guaranteed.

Applications

Commercial: High-rise building, elevator control, large A/C chillers, lighting, other sensitive critical systems.

Industrial: Industrial automation, process control, CNC, factory robotics, heavy load machinery.

Medical: X-ray, CT scanner, MRI system, Radiation therapy machine, other medical imaging equipments.

Telecom: Mobile base stations, exchanges stations, control centers and transmission relay stations.

Broadcast: Regulation for broadcast transmitter sites and studios.



Technical Specifications

Input Voltage	Single phase 220V±20%, three phase: 380V±20%
Output Voltage	Single phase 220V±1-5%, three phase: 380V±1-5%
Supply Frequency	50/60Hz
Insulation Resistance	≥2MΩ
Voltage Regulation Mode	Independent phase regulation for three phase
Waveform Distortion	nil
Insulation Class	H class
Method of Voltage Regulation	Regulation transformer with servomotor
Insulated Strength	Single phase: 2000V/1min without puncture ,Three phase: 2500V/1 min without puncture
Efficiency	>97% on full load
Overload Rating	Withstand 200% overload in short time
Protection class	IP20(indoor), outdoor type on request
Electrical Safety	CE equivalent
Operational Temperature	-20oC to +45oC
Functions	Power-on style, Malfunction protection, Short-circuit protection, Lack of phase protection, Over voltage shutdown, Under voltage shutdown, Safe start

SRV11 Sseries

Model	Dimension(W×D×H)mm	Model	Dimension(W×D×H)mm
SRV1110 - 10KVA	300×720×1270	SRV1150 - 50KVA	300×800×1370
SRV1120 - 20KVA	300×720×1270	SRV1180 - 80KVA	300×800×1370
SRV1130 - 30KVA	300×720×1270	SRV1100 - 100KVA	300×800×1370

SRV33 Sseries

Model	Dimension(W×D×H)mm	Model	Dimension(W×D×H)mm
SRV3315 - 15KVA	300×720×1270	SRV33300 - 300KVA	500×1050×1800
SRV3320 - 20KVA	300×720×1270	SRV33350 - 350KVA	500×1050×1800
SRV3330 - 30KVA	300×720×1270	SRV33400 - 400KVA	500×1050×1800
SRV3350 - 50KVA	300×720×1270	SRV33500 - 500KVA	600×1250×2000
SRV3380 - 80KVA	300×800×1370	SRV33600 - 600KVA	600×1250×2000
SRV33100 - 100KVA	300×800×1370	SRV33800 - 800KVA	600×1250×2000
SRV33120 - 120KVA	300×800×1370	SRV331000 - 1000KVA	800×1800×1900
SRV33150 - 150KVA	400×900×1600	SRV331200 - 1200KVA	1000×1800×1900
SRV33200 - 200KVA	400×900×1600	SRV331500 - 1500KVA	1000×1800×1900
SRV33250 - 250KVA	500×1050×1800	SRV332000 - 2000KVA	1000×1800×1900 2Pcs

