



Automatic Voltage Regulator /Stabilizer *SRV Series*



Application

- Computer&Computer peripherals
- TV&Radio broadcasting stations
- Electronics&Medical equipment
- Military research&Defense weapons
- Medical monitoring system
- Auto testing equipment
- Process control system
- Safe guard system
- Lab instrument
- OA equipment
- Video&Audio
- CAD/CAM
- Generator
- Elevator
- Production line
- CNC machinery
- SMT machinery



Automatic Voltage Regulator/Stabilizer SRV-Series

REGULATION SYSTEM

VOLTAGE REGULATION SYSTEM

INPUT VOLTAGE RANGE (OPERATION)

INPUT FREQUENCY

OUTPUT VOLTAGE REGULATION

OUTPUT WAVE FORM

OUTPUT WAVE FORM DISTORTION

RESPONSE TIME

MICROPROCESSOR CONTROLLED SERVO SYSTEM

380,400V, +15% -25% (Option 200,220V)

40 - 75 Hz

380,400 VAC, +-5%, +-2.5%, +-1%

Sine wave (Synchronize with input wave form)

Less than <0.5

0.1-1sec

NOISE ATTENUATION SYSTEM

SPIKE TRANSIENT PROTECTION

RFI PROTECTION

TRANSVERSE MODE NOISE REJECTION

COMMON MODE NOISE REJECTION

Metal oxide varistor

Toroidal coil and HF filter device

Greater than 60dB

Greater than 60dB for line conditioners

PROTECTION SYSTEM

SURGE PROTECTION

LIGHTNING PROTECTION

OVER LOAD PROTECTION

AUTOMATIC SHUTDOWN

Automatic shutdown

Lightning arrester

Circuit breaker

- Output voltage out of limits (More than +-10%)

- Output short circuit.

- Ac voltage flicker.

- Phase fault.

- Power semiconductor failure

- Power failure or interruption

FEATURE

COLOUR

TRANSFORMER

POWER FACTOR

EFFICIENCY

OVER LOAD CAPACITY

RESET SWITCH

BYPASS SWITCH

INDICATOR

OPERATING TEMPERATURE

RELATIVE HUMIDITY

INPUT/OUTPUT CONNECTOR

Black or White

Auto transformer and buck/boost transformer/Reactor

0.9-1 leading to lagging

98% at full load

1000% for 2sec, 300% for 1 mins.

Manual reset switch /Automatic reset switch

Manual bypass switch /Automatic By-pass switch

Digital output voltage and output ampmeter

0-50°C

0-95%

Terminal lead