

INSTRUCTION

Position:

- Big A.V.S used for whole family : Put A.V. S near the input power line, with suitable position for easy monitor (should not put down on ground at wet place, very high position or hidden place that you can not observe the status indicator or meter of A.V.S . If A.V.S is put on shelf, please ensure the shelf must be strong enough.

Wire Installation

Check carefully input and output side to ensure make right connection. Phase line is connected to upper knobs, neutral line is connected to under knobs. Ground line is connected to ground screw at behind side. Use electricity test pen to check again before using.

- Small A.V.S used for individual device : Put A.V. S at suitable place (more than 1 meter distance from device : computer, TV, Audio...)

Wire Installation: With A.V. S less than 2kVA capacity, directly use power cord at input side.

Fine adjustment for output voltage:

Normally all GECCO A.V. S were adjusted well for right output voltage under condition of sine-wave and frequency from 49 Hz to 62 Hz and standard input voltage range(SH: 130 V - 250V; DRI: 90V-250V; DRII : 50V-250V) However, in some cases, electricity condition is not good (not sine-wave, frequency is out from range of 49 Hz to 62 Hz). It will make the voltage output is not right. To make good this, all GECCO A.V. S includes adjustor under volt meter with mark of A-VDJ and customers can make fine tune to voltage at output as desired.

How to adjust :

Turn the adjustor in clockwise direction to increase output voltage and anticlockwise direction to decrease output voltage



Use wires of good quality and enough dimension



Use right output voltage



Avoid Overloading



Avoid closing to water or oil



AUTOMATIC VOLTAGE STABILIZER

SINGLE PHASE

Servo Motor Type

An Ideal Voltage Stabilizer For all Electrical Equipment



Manufactured by :
LIOA-Nath Linh Manufacturing Co.,Ltd.



CONTACT :



AUTOMATIC VOLTAGE STABILIZER - SINGLE PHASE



MODEL SH

Input Voltage : 150V(130V)-250V
Output Voltage : 220V - 110 V
Power : 0,5 kVA-50kVA



| CODE | Description | | |
|----------|-------------|----------------------|-------------|
| | Capacity | Dimension (LxWxH) mm | Weight (Kg) |
| SH-500 | 0,5 kVA | 225 x 172 x 177 | 4,8 |
| SH-1000 | 1 kVA | 225 x 172 x 177 | 6,2 |
| SH-2000 | 2 kVA | 285 x 208 x 218 | 9,1 |
| SH-3000 | 3 kVA | 305 x 225 x 305 | 10,4 |
| SH-5000 | 5 kVA | 305 x 225 x 305 | 14,5 |
| SH-7500 | 7,5 kVA | 400 x 218 x 310 | 18,6 |
| SH-10000 | 10 kVA | 405 x 218 x 310 | 22,5 |
| SH-15000 | 15 kVA | 562 x 312 x 510 | 51,5 |
| SH-20000 | 20 kVA | 562 x 312 x 510 | 53,5 |
| SH-25000 | 25 kVA | 690 x 488 x 450 | 65 |
| SH-30000 | 30 kVA | 691 x 488 x 450 | 74,5 |
| SH-50000 | 50 kVA | 850 x 610 x 450 | 116 |

SPESIFICATIONS

| Type | SH | DRI | DRII |
|---|-------------------------------------|------------|---------------------------------|
| Input Voltage | 150V(130V)- 250V | 90V ~ 250V | 50V ~ 250V |
| Output Voltage | 220 V - 110 V (100V, 120V) ± 2-3 % | | |
| Frequency | 49 Hz ± 69 Hz | | |
| Response time for each 10 % input voltage deviation | 0,4s ± 1s 500 VA - 10.000 VA | | 0,8s ± 2s 500 VA - 10.000 VA |
| Ambien Temperatur | -5°C ~ + 40°C | | |
| Control System | DC Servo Motor | | |
| Design | Can be changed without prior notice | | |
| Insulation Resistance | More than 3MΩ at DC 500V | | |
| Dielectric Strength | Tested at AC 2000V for 1 minute | | |

MODEL DRI

Input Voltage : 90V - 250V
Output Voltage : 220V - 110 V
Power : 0,5 kVA-25kVA



| CODE | Description | | |
|-----------|-------------|----------------------|-------------|
| | Capacity | Dimension (LxWxH) mm | Weight (Kg) |
| DRI-500 | 0,5 kVA | 225 x 172 x 177 | 4,8 |
| DRI-1000 | 1 kVA | 237 x 183 x 200 | 6,2 |
| DRI-2000 | 2 kVA | 285 x 208 x 218 | 9,1 |
| DRI-3000 | 3 kVA | 305 x 225 x 305 | 10,4 |
| DRI-5000 | 5 kVA | 305 x 225 x 305 | 14,5 |
| DRI-7500 | 7,5 kVA | 410 x 240 x 355 | 18,6 |
| DRI-10000 | 10 kVA | 410 x 240 x 355 | 22,5 |
| DRI-15000 | 15 kVA | 562 x 312 x 510 | 51,5 |
| DRI-20000 | 20 kVA | 690 x 488 x 450 | 53,5 |
| DRI-30000 | 25 kVA | 685 x 465 x 655 | 65 |

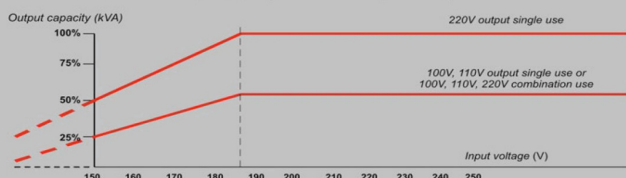
MODEL DRII

Input Voltage : 50V - 250V
Output Voltage : 220V - 110 V
Power : 1 kVA-20kVA



| CODE | Description | | |
|------------|-------------|----------------------|-------------|
| | Capacity | Dimension (LxWxH) mm | Weight (Kg) |
| DRII-1000 | 1 kVA | 225 x 172 x 177 | 4,8 |
| DRII-2000 | 2 kVA | 237 x 183 x 200 | 6,2 |
| DRII-3000 | 3 kVA | 285 x 208 x 218 | 9,1 |
| DRII-5000 | 5 kVA | 305 x 225 x 305 | 10,4 |
| DRII-7500 | 7,5 kVA | 305 x 225 x 305 | 14,5 |
| DRII-10000 | 10 kVA | 410 x 240 x 355 | 18,6 |
| DRII-15000 | 15 kVA | 410 x 240 x 355 | 22,5 |
| DRII-20000 | 20 kVA | 562 x 312 x 510 | 51,5 |

The output capacity limit chart at input voltage level



Fully Protections :
- Over voltage protection
- Under voltage protection
- Over current protection
- Short circuit protection

