



MONO PHASE SERVO VOLTAGE REGULATORS

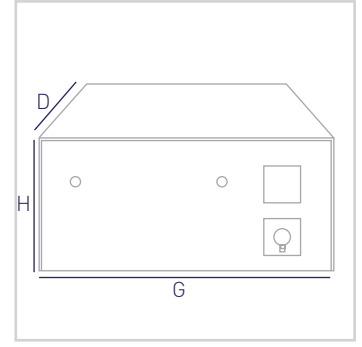
Application Areas

Uninterruptible Power Supplies, TV / Radio Transmitter Stations, GSM Base Stations, Image and Sound Production Studios, Air - Conditioners Medical Devices, Hospitals, Neon and Laser Illuminations, Press and Textile Machines, Photograph Press Machines, Submerging Pumps, Ships, Electric Motors and All Electrical Devices Sensitive to Voltage Changes.

| MODEL | SMR 1 |
|---------------------------|---|
| POWER | Standard |
| Power Factor | 0,80 |
| INPUT | |
| Input Voltage | 220 V AC 1 Phase + Neutral |
| Input Voltage Tolerance | 165 V AC - 250 V AC (100 - 260 V AC optional) |
| Input Frequency | 50 Hz. (60 Hz. optional) +/- 5% |
| Input Connection | Suitable terminal |
| OUTPUT | |
| Output Voltage | 220 V AC 1 Phase + Neutral |
| Output Voltage Tolerance | +/- %2,5 |
| Output Current | Standard |
| Over Load | Over current protection with fuse |
| Output Frequency | 50 Hz. (60 Hz. optional) +/- 5% |
| Efficiency | > %90 |
| Display | Indicator for input and output - Voltmeter for output voltage |
| Communication | Contact info in case of failure (optional) |
| PROTECTION | |
| Output Voltage Protection | When Output Voltage out of 180 V AC-240 V AC tolerance values, Output Off with contactor (optional) |
| Current Protection | When Output Voltage out of 180 V AC - 240 V AC tolerance values, Output Off with contactor (optional) |
| By-pass | Manuel by-pass for failure and maintenance |
| Surge Arrester | Suitable Surge Arrester unit for lightning (optional) |
| Isolation Transformer | Input and Output Isolation Transformer for special usage (optional) |
| GENERAL | |
| Maximum Temperature | -10 °C - +40 °C |
| Altitude | 2.000 m |
| Humidity | 90 % non condensed |
| Acoustic NoiseTransformer | < 55 dB |

TECHNICAL FEATURES

Required voltages are produced on order.



Servo Voltage Stabilizer is an economical solution for operation of your electrical without any problem wherever the main supply is not trusted. Produced with high quality materials, supplies to operate under heavy duty conditions at full load with high efficiency SMR3FXX has very wide using area range and to be used for years with reliability and without any problem.

FEATURES

- Reliable operation for all electrical appliances.
- Smart protection unit with microprocessor-based card.
- Open to work from the network in fault situations on/off by-pass switch.
- Voltmeter for output.
- Indicator lamp for the inputs and outputs.
- The circuit breaker over-current and short circuit protection at output.
- Locked covers for maintenance and easy services.
- RAL-7035 electrostatic paint.
- Ergonomic carrying handles, rubber feet.
- Special design according to user needs.
- A simple structure of production with quality materials, minimum fault risk.
- Contactor unit for output protection and delay (optional).
- Parafudur against high voltage and lightning (optional).
- Ergonomic and safe solution

| CODE | POWER | G | D | H | WEIGHT |
|--------|-------|-----|-----|-----|--------|
| SMR1 | 1 | 280 | 350 | 280 | 19 |
| SMR2 | 2 | 280 | 350 | 280 | 22 |
| SMR3,5 | 3,5 | 445 | 350 | 300 | 29 |
| SMR5 | 5 | 445 | 350 | 300 | 45 |
| SMR7,5 | 7,5 | 530 | 350 | 275 | 50 |
| SMR10 | 10 | 600 | 390 | 300 | 60 |
| SMR15 | 15 | 600 | 390 | 300 | 70 |
| SMR20 | 20 | 500 | 500 | 850 | 70 |
| SMR25 | 25 | 500 | 500 | 850 | 76 |
| SMR30 | 30 | 500 | 500 | 850 | 85 |
| SMR40 | 40 | 600 | 600 | 950 | 100 |
| SMR50 | 50 | 600 | 600 | 950 | 120 |

Required voltages are produced on order