# GXZS-M-1-1-20

STABILIZER SERVO MOTOR

GXZS-M-1-1-20 is a fully automatic A.C voltage stabilizer consists of contact voltage regulator, sampling control circuit and servo motor when input voltage or load changes, sampling control circuit will sample and amplify the voltage, and the servo motor will rotate in the desired direction, which turns the arm, adjusting voltage until the output voltage is regulated into the rated output voltage. It is of small size, lightweight, less output waveform distortion and reliable performance. To guarantee its quality, foreign advanced technology and main ports are introduced and imported. It is widely used in electrical appliances which need constant voltage power supply, and in the fields of industry producing, scientific research and medical hygiene.

# FEATURES

- High quality output voltage: the voltage stabilizer can work without interruption with balanced voltage regulating process and no temporary beta topic phenomena, high accurate output voltage with 220V 3%.
- Wide input voltage range and load compatibility characteristics.
- Over voltage, under voltage and over current protection: It considerably guarantees the machine safety and effectively protects electric terminals.
- Long working life: the employed high-breaking circuit breaker can reliably protect overload and short circuit, the new developed and high performance carbon brush, which name C1017, considerably prolongs the voltage stabilizer working life.
- Display window: it can display over voltage, under voltage and over current statue, so that the user expediently use the AVR.

# SPECIFICATIONS

| MODEL | GXZS-M-1-1-20 |
|---|---|
| VA Rating | 20KVA |
| INPUT | |
| Phase | Single phase +N +GND |
| Voltage Range | 160Vac-250Vac |
| OUTPUT | |
| Voltage | 220V |
| Voltage Precision | ≤±3% |
| Frequency | 50/60Hz |
| Over-voltage Protection | Output Voltage 250V±5V |
| Low-voltage Protection | Output Voltage 183V±5V |
| Efficiency | ≥96% |
| OTHERS | |
| Display Model | LED / METER |
| Input/Output Device | Optional plug; socket / terminal |
| Waveform Distortion | No Affixation Waveform Distortion |
| Response Time | (±10% Varies) <1s |
| Insulation Resistance | ≥2MΩ |
| Anti-electricity Intension | Low Frequency Sine Voltage 1500V Take 1 minute No Rout and Camber phenomena |
| Ambient Temperature | 0℃-40℃ |
| Relative Humidity | ≤95% |
| Working | Continue |
| Dimension(WxDxH)mm | 330x370x612 |
| Net Weight(kg) | 59 |
| Packing(WxDxH)mm | 430x500x690 |
| Gross Weight(kg) | 61.3 |