





SINGLE PHASE STABILIZERS



Technical Specifications

- JCB SRV 11 series are Single Phase phase voltage stabilizers regulate mains voltage and bring many advantages.
- Non-linear charges drive
- 1 phase input 1 phase output
- Wide power and voltage interval
- Fast Regulation
- High reliability thanks to Microprocessor and Smart Driver
- High efficiency
- Load transfer to Bypass via pole charge switch
- Safe and economic usage
- Overload protection (Optional)
- Digitally displayed status, input & output measurements

| Model | J11 01 | J11 02 | J11 03 | J11 05 | J11 07 | J11 10 |
|--|---|--------|--------|----------|--------|--------|
| Power (kVA) | 1 | 2 | 3.5 | 5 | 7,5 | 10 |
| Regulator Input | | | | | | |
| In.Vol. Correct. Interval | 160-260/110-240VAC | | | | | |
| In.Vol. Working Interval | 90-285 VAC | | | | | |
| Operation Frequency | 47...65 Hz | | | | | |
| Line Input Protection | Overcurrent, low and high voltage protection | | | | | |
| Regulator Output | | | | | | |
| Output Voltage | 220/230/240VAC RMS \pm %1 | | | | | |
| Overloading | 10 sec.%200 load | | | | | |
| Correction Speed | ~ 90 volt/sec. | | | | | |
| Upturn Period | ~ 90 volt/sec. | | | | | |
| Output Protection | Protects load by opening the circuit when overburden, short circuit occurs | | | | | |
| Working Principle | | | | | | |
| Servo motor, Microprocessor controlled, full automatic | | | | | | |
| General | | | | | | |
| Cooling | Smart Fan System | | | | | |
| Measured Value Monitor | JCB True RMS Panel Voltmeter(74x74 mm) output voltage monitorization | | | | | |
| Total Harmonic Distortion | - | | | | | |
| Total Efficiency | >%96 | | | | | |
| Mechanical By-pass | "Manually Controlled Line -PAKO Switch Selects Voltage Regulator " Switch Turn On/Off | | | | | |
| Protection Level | IP 20/ IP 25 | | | | | |
| Environmental | | | | | | |
| Working Temperature | -10 °C / 50°C | | | | | |
| Storage Temperature | -25 °C /+ 60°C | | | | | |
| Relative Humidity | <%90, DIN (40040) | | | | | |
| Working Altitude | <200 m. | | | | | |
| Acoustic Level | <50 dBA | | | | | |
| Dimensions | | | | | | |
| Dimensions (HxWxD) (cm) | 30x45x37 | | | 30x55x37 | | |
| Weight (kg) | 25 | 28 | 29 | 30 | 34 | 47 |

| Model | J11 15 | J11 20 | J11 25 | J11 30 | J11 40 | J11 50 |
|--|---|--------|----------|--------|----------|--------|
| Power (kVA) | 15 | 20 | 25 | 30 | 40 | 50 |
| Regulator Input | | | | | | |
| In.Vol. Correct. Interval | 160-260/110-240VAC | | | | | |
| In.Vol. Working Interval | 90-285 VAC | | | | | |
| Operation Frequency | 47...65 Hz | | | | | |
| Line Input Protection | Overcurrent, low and high voltage protection | | | | | |
| Regulator Output | | | | | | |
| Output Voltage | 220/230/240VAC RMS \pm %1 | | | | | |
| Overloading | 10 sec.%200 load | | | | | |
| Correction Speed | ~ 90 volt/sec. | | | | | |
| Upturn Period | ~ 90 volt/sec. | | | | | |
| Output Protection | Protects load by opening the circuit when overburden, short circuit occurs | | | | | |
| Working Principle | | | | | | |
| Servo motor, Microprocessor controlled, full automatic | | | | | | |
| General | | | | | | |
| Cooling | Smart Fan System | | | | | |
| Measured Value Monitor | JCB True RMS Panel Voltmeter(74x74 mm) output voltage and line voltage monitorization | | | | | |
| Total Harmonic Distortion | - | | | | | |
| Total Efficiency | >%96 | | | | | |
| Mechanical By-pass | "Manually Controlled Line -PAKO Switch Selects Voltage Regulator " Switch Turn On/Off | | | | | |
| Protection Level | IP 20/ IP 25 | | | | | |
| Environmental | | | | | | |
| Working Temperature | -10 °C / 50°C | | | | | |
| Storage Temperature | -25 °C /+ 60°C | | | | | |
| Relative Humidity | <%90, DIN (40040) | | | | | |
| Working Altitude | <200 m. | | | | | |
| Acoustic Level | <50 dBA | | | | | |
| Dimensions | | | | | | |
| Dimensions (HxWxD) (cm) | 32x60x40 | | 75x50x50 | | 75x50x60 | |
| Weight (kg) | 55 | 95 | 110 | 130 | 155 | 180 |



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