

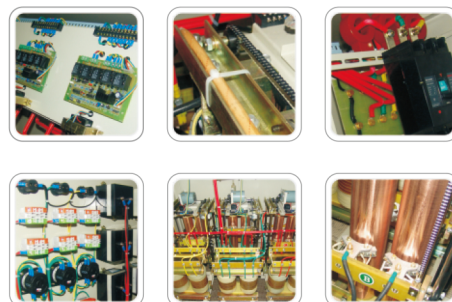
STB THREE

PHASES INDIVIDUAL CONTROL Series

COMPENSATED POWER VOLTAGE REGULATOR



STB-33-600KVA



OUTLINE & PACKING

| MODEL | STB-33-600KVA |
|-------------------|----------------|
| OUTPUT POWER(KVA) | 600 |
| OUTLINE(CM) | 2000*1320*1350 |
| NET WEIGHT(KG) | 1545 |

SPECIFICATIONS:

| | |
|-----------------------|---|
| INPUT VOLTAGE | Three phase:304V-456V / 323V-437V Single phase:176V-264V / 187V-253V |
| OUTPUT VOLTAGE | Single phase :220V Three phases :380V |
| OUTPUT DEVIANCE | 1-5% Adjustable |
| FREQUENCY | 50HZ~60HZ |
| EFFICIENCY | ≥95% |
| RESPONSE TIME | ≤1.5S |
| AMBIENT TEMPERATURE | -10℃~+40℃ |
| INSULATION RESISTANCE | ≥5MΩ |
| OVERLOAD | DOUBLE RETED CURRENT,ONE MIN |
| WAVEFORM DISTORTION | NON-LACK FIDELITY WAREFORM |
| PROTECT | OVERVOLTAGE、OVERCURRENT、LACK PHASES |



Technical Parameters



| | | | |
|------------------------|---------------------------------------|-----------------|---|
| 1 | Type | | STB-33 |
| 2 | Capacity | | 600KVA |
| 3 | Input voltage | Circuit breaker | 800A |
| | | Phase | Three Phase |
| | | Voltage | 304-456v (L1+L2+L3+N) |
| 4 | Output voltage | Frequency | 50/60Hz |
| | | Phase | Three Phase |
| | | Voltage | 380V(L1+L2+L3+N) |
| | | Frequency | 50/60Hz |
| 5 | Rated output current | | 730A |
| 6 | Voltage Accuracy | | ±1-5% V Adjustable(Factory set±2%) |
| 7 | Control principle | | Independent regulation for three phase |
| 8 | Certificates | | CE,ROHS,SGS,ISO,CQC |
| 9 | Display | | LCD touch screen |
| 10 | Response time | | < 10ms |
| 11 | Heat Efficiency | | ≥98%(on full load) |
| 12 | Insulation strength | | 2500V/Min |
| 13 | Insulation Class | | H class (200 degree C) |
| 14 | Wave form Distortion | | No distortion (Nil) |
| 15 | Connection method | | Star/Star |
| 16 | Cooling method | | Air cooling/ Fan system cooling |
| 17 | Resist electric strength | | 2500VAC/min |
| 18 | Noise | | ≤30db (exclude forced air cooling system) |
| 19 | Temperature Rise | | ≤75°C |
| 20 | cabinet | | IP20 |
| 21 | Environment | Ambient | -20~55°C |
| | | Related | 10~90% |
| | | Altitude | <2000M |
| 22 | dimension (mm) | | 2000(H)*1320(W)*1350(D) |
| 23 | weight (kgs) | | 1545 |
| 24 | Warranty | | 12 months |
| 25.Protection Function | Over/under voltage protection | | When the input voltage exceeds the value of over/under voltage, the stabilizer will protect |
| | Over current | | When the current exceeds the rated value, automatically cut off the input |
| | Overload and short circuit protection | | When the load exceeds the overload value or short circuit of the equipment, it can cut off the power supply within the specified time; |
| | Position Limitation Protection | | When the brush is running over the area, automatically stop adjustment; |
| | Bypass function | | manual bypass, when the voltage stabilizer needs maintenance or in failure, the switch can be manual controlled |
| | Effective sampling circuit control | | High accuracy, good sensitivity, frequency characteristic measurement, good rate, high input impedance, low output impedance, wide range and low power consumption power supply |
| | Circuit Function | | When the sampling voltage is lower than the lower reference voltage or higher than the upper limit voltage, the brush will automatically return to the center; |
| | Temperature protection | | Three phase Over temperature protection protection |
| Warning | | With alarm | |