



3:3
PHASE

STATICA SERIES

**Static Voltage
STABILIZERS**

from **200 - 3000 kVA**



POWER FACTOR



TOWER



EASY
SERVICE



DATA CENTER



MEDICAL



INDUSTRY



TRANSPORTATION



COMPLEXES

STATICA SERIES

Static Voltage Stabilizer is an Alternative Current (AC) voltage regulation and protection device which provides continuous, safe and stable voltage to sensitive industrial machines and equipments.

- Maintenance-free Thyristor Technology
- Micro-Processor Digital Control
- User friendly LCD Display
- Response time: 20msec
- 100% Unbalanced Voltage and Load Capacity
- Continuous protection against voltage fluctuations
- Electronic Overload, Over Temperature Protection
- Low Voltage / High Voltage Protection
- Suitable design for industrial environment
- High efficiency at all powers.
- Advanced Communication Capabilities
- Wide input voltage range
- Static & Manual Bypass Operation
- Remote monitoring and management

STATICA SERIES

| MODEL STC | STC 33200 | STC 33250 | STC 33300 | STC 33400 | STC 33600 | STC 33800 | STC 331000 | STC 332000 | STC 332500 | STC 333000 |
|-------------------------------------|---|-----------|-----------|-----------|-----------|----------------|------------|------------|----------------|------------|
| Power (kVA) | 200 | 250 | 300 | 400 | 600 | 800 | 1000 | 2000 | 2500 | 3000 |
| Input | | | | | | | | | | |
| Input Voltage | 380, 400, 415 Vac 3Ph+N | | | | | | | | | |
| Voltage Tolerance | (-23)% (+18)% (-40)% (+18)% (opsiyonel) | | | | | | | | | |
| Operation Frequency | 50 / 60 Hz(± %5) | | | | | | | | | |
| Output | | | | | | | | | | |
| Output Voltage | 380 / 400 Vac 3F + N ±3% optional) | | | | | | | | | |
| Overload Capacity | 150% 1 minute | | | | | | | | | |
| Response Time | 20 msec | | | | | | | | | |
| Correction Speed | %2>175V/sec / %3>275V/sec / %5>500V/sec | | | | | | | | | |
| Output Protection | Short circuit, overburden, overcurrent electronic protection, protects load via opening control | | | | | | | | | |
| Efficiency | > 97% (typical) | | | | | | | | | |
| Communication and Management | | | | | | | | | | |
| LCD Display | Graphical lcd screen, Led bar status | | | | | | | | | |
| Communication Ports (Optional) | RS485, SNMP, Relay Contacts, Modbus | | | | | | | | | |
| Emergency Power Off (Optional) | Available | | | | | | | | | |
| Accessories (Optional) | Remote Monitoring Panel | | | | | | | | | |
| Protection Functions | | | | | | | | | | |
| Voltage Protection | Short circuit, over load, over current, electronic and fuse protection | | | | | | | | | |
| Current Protection | Input Circuit Breaker or Input Fuses | | | | | | | | | |
| Over Temperature Protection | Electronic Over Temperature Protection | | | | | | | | | |
| Short Circuit Protection | Available | | | | | | | | | |
| Surge Arrester | Surge Arrester Class-I or Class-II (optional) | | | | | | | | | |
| General | | | | | | | | | | |
| Technology | Microprocessor controlled, Thyristor Technology, High-speed Voltage Regulation | | | | | | | | | |
| Mechanical Bypass | Available | | | | | | | | | |
| Static Bypass | Optional | | | | | | | | | |
| Protection Level | IP20 (Higher IP values are optional) | | | | | | | | | |
| Environmental | | | | | | | | | | |
| Working Temperature | -10 °C / 40 °C | | | | | | | | | |
| Storage Temperature | -25 °C / 60 °C | | | | | | | | | |
| Relative Humidity | <95%, DIN (40040) | | | | | | | | | |
| Altitude | <1500 m | | | | | | | | | |
| Noise Level(1 meter) | <55 dBA | | | | | | | | | |
| Dimensions | | | | | | | | | | |
| H x W x D (mm) | 1600x550x1400 | | | | | 1700x1100x2250 | | | 1900x1500x2400 | |
| Weight (kg) | 625 | 700 | 780 | 850 | 920 | 1200 | 1500 | 1700 | 2000 | 2400 |

The company reserves the right to change specifications and designs without notice.



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