# AUTOMATIC **VOLTAGE** STABILIZER THREE PHASE

# Star Trans

Transforming Technology

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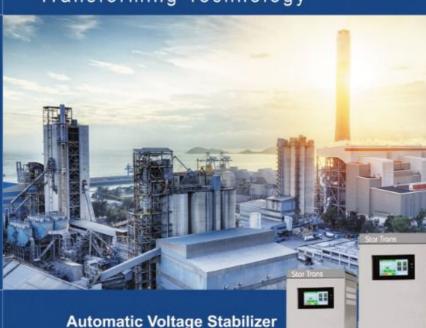
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Three Phase ST Series: 10-5000KVA





Better equipment protection, fewer failures, more uptime and lower energy costs across a wide range of industries and applications.

Three Phase SBW series: 10-5000KVA



#### Beautiful Inside and Out

Beautiful and slim exterior with advanced industrial workmanship.

Compact interior structure compliance with international standard.



### Patent Structure

long lifetime roller bursh

Patent three phase individual voltage regulator, which realizing the whole unit 2/3 smaller than traditional one.



# Control Board High performance ARM chip

Central control module based on DSP, realize high-speed and high-performance control.

With SMT technology, the reliability and supply of PCB will be highly improved.



## Digital display

Man-machine interface enable users to know the unit condition clearly.

Support the standard Modbus communication protocol, support remote control with GPRS.



# Complete Protection

Fully considering the function needs under various operating conditions for both loads and unit itself.

Malfunction protection, Short-circuit protection, Lack of phase protection, Over voltage protection, Under voltage protection, Safe start.





- Patent maintenance free roller type carbon brush
- Individual regulation with unique small dimension



- Start up delay to prevent over current inrush
- inrush
  Indoor or outdoor version on request



digital control board • High Performance ARM chip control

Use advanced



- Wheels mounted for easy installation
- Maximum capacity up to 5000KVA



- The temperature of your rack is always under control
   High Mean time
- High Mean time Between Failure(MTBF)



- Reliable and low noise AC servo motors
- Extremely wide voltage regulation range

#### **Technical Specifications**

Input Voltage	The other input voltage range and rated voltage can be custom designed
Output Voltage	three phase: 380V ± 1-5%
Supply Frequency	50/60Hz
Insulation Resistance	≥2MΩ
Voltage Regulation Mode	Independent phase regulation for three phase
Waveform Distortion	nil
Insulation Class	H class
Method of Voltage Regulation	Regulation transformer with servomotor
Insulated Strength	Three phase: 2500V/1 min without puncture
Efficiency	>97% on full load
Overload Rating	Withstand 200% overload in short time
Protection class	IP20(indoor), outdoor type on request
Electrical safety	CE equivalent
Operational Temperature	-20°C to +45°C
Functions	Power-on style, Malfunction protection, Short-circuit protection, Lack of phase protection, Over voltage shutdown, Under voltage shutdown, Safe start

