

5000VA Voltage Stabilizer

This 5000VA voltage stabilizer uses triac/silicon-control technology and features a wide, selectable input voltage range. It has a full metal cabinet, dual LED or integrated colorful display, and an optimized MCU for welding machine applications.



Overview

Professional SCRS Voltage Stabilizer

The 5000VA voltage stabilizer utilizes advanced silicon-controlled (triac) technology to provide stable, precise power for sensitive electronic equipment. Designed for reliability, it features static contactless regulation which eliminates mechanical noise and sparks, ensuring a long operational life. With its intelligent MCU control and comprehensive protection suite, it is an ideal solution for maintaining power integrity in demanding industrial and home environments.

Performance Specifications

SCRS SERIES / TRIAC CONTROL VOLTAGE STABILIZER

- 1. High Voltage Protection: Overload Protection, Over-temperature Protection
- 2. Dual-Channel Voltage Regulation: Automatic Voltage
- 3. High-Precision Voltage Regulation: 0.1% Voltage Accuracy
- 4. Wide Input Voltage Range: 100V-260V, 140V-260V
- 5. High Output Voltage Accuracy: 0.1% Voltage Accuracy
- 6. High Output Voltage Stability: 0.1% Voltage Accuracy
- 7. High Output Voltage Regulation: 0.1% Voltage Accuracy
- 8. High Output Voltage Accuracy: 0.1% Voltage Accuracy
- 9. High Output Voltage Accuracy: 0.1% Voltage Accuracy
- 10. High Output Voltage Accuracy: 0.1% Voltage Accuracy

Model	SCRS 5000VA
Input Voltage Range	100V-260V / 140V-260V
Output Voltage	220V / 230V
Output Power	5000VA
Efficiency	98%
Operating Frequency	50Hz
Response Time	50ms
Protection Features	Overload Protection, Over-temperature Protection, High Voltage Protection, Low Voltage Protection, Short Circuit Protection, High Temperature Protection
Material	High Quality Steel Sheet, Powder Coating
Weight	12kg
Dimensions	180mm (W) x 260mm (H) x 180mm (D)
Lead Time	1-2 Weeks
Warranty	3 Years

KVP SERIES / AUTOMATIC VOLTAGE PROTECTOR

1. High Voltage Protection: Overload Protection, Over-temperature Protection

2. High Voltage Protection: Overload Protection, Over-temperature Protection

3. High Voltage Protection: Overload Protection, Over-temperature Protection

4. High Voltage Protection: Overload Protection, Over-temperature Protection

5. High Voltage Protection: Overload Protection, Over-temperature Protection

6. High Voltage Protection: Overload Protection, Over-temperature Protection

7. High Voltage Protection: Overload Protection, Over-temperature Protection

8. High Voltage Protection: Overload Protection, Over-temperature Protection

9. High Voltage Protection: Overload Protection, Over-temperature Protection

10. High Voltage Protection: Overload Protection, Over-temperature Protection

Detailed technical overview of the Triac/Thyristor regulation technology and performance specifications.

Response Time

50 ms

Response Time

Input Voltage Range	100-260V / 140-260V
Output Voltage	220V/230V
Efficiency	98 %
Operating Frequency	50 Hz

Protection Features

Anti-Surge Capability

Surge Level	Duration
500%	20ms
1000%	10ms

Comprehensive Protection High Voltage, Low Voltage, Overload, Short Circuit, High Temperature

Operational Features

Selectable Delay Time

- 6s
- 180s

Certifications

CE • LVD • EMC

Operating Conditions

0-45°C Temperature, 10-90% Humidity