

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



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
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Operational Features

Selectable Delay Time

- 6s
- 180s

Certifications

CE • LVD • EMC

Operating Conditions

0-45°C Temperature, 10-90% Humidity