

SVC-5KVA

SINGLE PHASE

High-performance

AUTOMATIC VOLTAGE STABILIZER

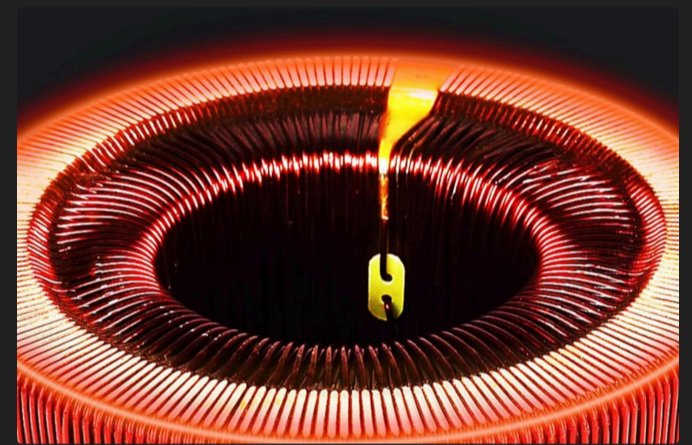
Engineered to provide unparalleled voltage stability. This device ensures comprehensive protection for sensitive equipment and systems against sudden fluctuations, outages, and voltage spikes, extending equipment life and guaranteeing optimal performance.

Key Specifications

Model	SVC-5KVA
Rated Capacity	5 KVA
Phase	Single Phase
Input Voltage	Wide Range 90-260 VAC
Output Voltage	110V / 220V AC
Load Current	22.7A
Power Factor	0.9
Weight	19.8
Dimensions W.D.H	36.28.32
Display	Large Screen Led Display with Automatic Delay Functions
Connection Suggestion	RV4mm ²
Warranty	comprehensive 3-year backed by our professional support services.



Voltage Stabilizer Details



Terminal Block Overview



Technical Specifications

Model	SVC-5KVA
Overload capability	Allows 2 hours of work over 1.2 times rated load
Rated Frequency	50/60Hz
Voltage Regulation Accuracy	±1.5%
Response Time	<1S
Cooling method	AN/AF
Operating Efficiency	≥98%
Noise Level	≤50dB
Operating Temperature	-40°C to +45°C
Altitude	≤2000m
Insulation Rating	IP23
Design Life	15-20 years

PROTECTION FEATURES & BENEFITS

Protection Functions



Overload Protection

Safeguards against excessive current draw that could damage connected equipment.



Over/Under Voltage Protection

Automatically corrects input voltage fluctuations to maintain a stable and safe output.



Overcurrent Protection

Prevents damage from current surges, ensuring system stability and longevity.



Over Temperature Protection

Monitors internal temperature and shuts down to prevent overheating and component damage.



Short Circuit Protection

Instantaneously cuts power during a short circuit to prevent equipment failure and hazards.



Automatic Full Voltage Regulation with

Ensures a consistent voltage output to sensitive electronics for uninterrupted operation.

Key Benefits



Enhanced Equipment Safety

Protects valuable machinery and sensitive electronics from voltage irregularities, extending their operational life.



Improved Performance

Delivers stable power, leading to optimal performance and efficiency for all connected devices.



Cost-Effective Solution

Reduces repair and replacement costs by preventing damage from power fluctuations.



Maintenance-Free & Reliable Operation

Designed for robust performance with minimal intervention, ensuring continuous protection.

Applications



Medical Centers & Hospitals

Ensuring power stability for sensitive medical equipment and life support devices.



Data Centers & Servers

Protecting servers and storage systems to ensure continuous operations and data integrity.



Industrial Facilities

Maintaining efficiency of production lines and protecting machinery from voltage fluctuations.



Commercial Buildings

Providing a stable working environment for office equipment and lighting systems.



Telecommunications Systems

Ensuring the reliability of communication networks, radio, and television broadcasting.

Contact Information

European Headquarters - UltrawaveU

For support and inquiries in Europe, please contact our headquarters:

- Location: Storgatan 1, 114 85 Stockholm, Sweden
- Website: <https://ultrawaveu.com>
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Middle East Office - Sole Agent Eagle Systems for Supply&Import and Export

For inquiries and support regarding the Middle East region, please reach out to our local partner:

- Website: <https://eaglesystemsco.com>
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European Quality Certifications

