

## SVC-1-3KVA

SINGLE PHASE

High-performance

AUTOMATIC VOLTAGE STABILIZER

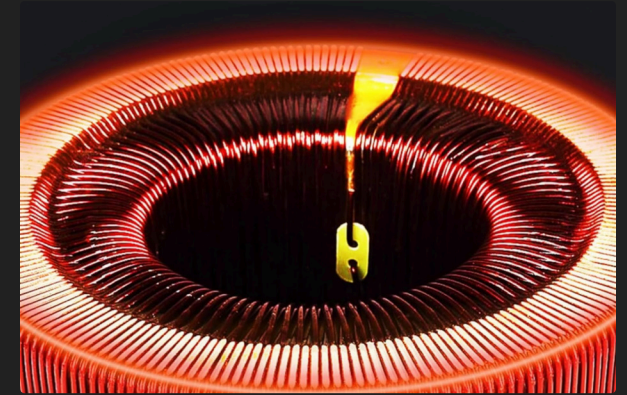
Engineered to provide unparalleled voltage stability. This device ensures comprehensive protection for sensitive equipment and systems against sudden fluctuations, outages, and voltage spikes, extending equipment life and guaranteeing optimal performance.

### Key Specifications

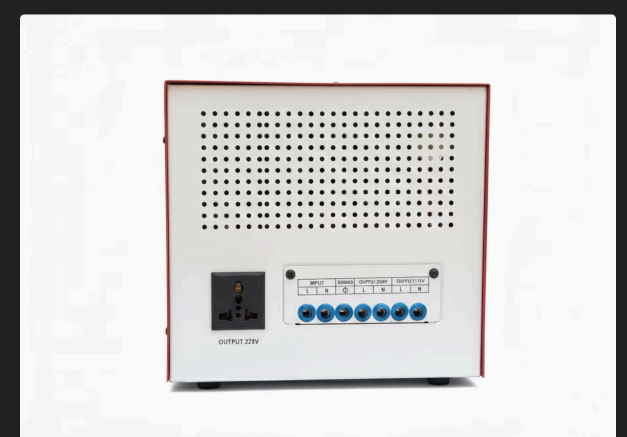
Model SVC	1000	1500VA	2000VA	3000VA
Rated Capacity	900	1350w	1800w	2700w
Phase	Single Phase			
Input Voltage	Wide Range 90-260 VAC			
Output Voltage	110V / 220V AC			
Load Current	4.5A	6.8Ah	9.1Ah	13.6Ah
Power Factor	0.9			
Weight	4.5K	6.5KG	7.5KG	10.5KG
Dimentions W.D.H CM		30.28.34	31.28.34	34.28.34
Display	Large Screen Led Display with Automatic Delay Functions			
Connection Suggestion		RV1mm <sup>2</sup>	RV1.5mm <sup>2</sup>	RV2.5mm <sup>2</sup>
Warranty	Comprehensive 3-year backed by our professional support services.			



### Voltage Stabilizer Details



### Terminal Block Overview



# Technical Specifications

Model SVC	1000VA	1500VA	2000VA	3000VA
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 resistance			≥500MΩ	
Design Life			10 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.

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## 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>
- Email: [info@ultrawaveu.com](mailto:info@ultrawaveu.com)

### 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>
- Email: [info@eaglesystemsco.com](mailto:info@eaglesystemsco.com)

### European Quality Certifications

