

FilterOne™: As part of the ONEAC family of power protection products, FilterOne provides advanced protection for branch-circuit applications. Offering more protection than typical surge suppressors or filters, FilterOne protects electronic circuits against lightning and power surges and greatly reduces high-frequency noise – providing the optimal environment for your system.

Your equipment requires noise-free power

Electricity carries not only the power to run your equipment, it also carries power spikes, surges and other disturbances known as “electrical noise.” These disturbances pose a dangerous threat to the life span and proper operation of computers and other electronic devices.

FilterOne safeguards your equipment

FilterOne protects your equipment from the damaging effects of electrical noise. In providing a noise-free electrical environment, FilterOne maximizes equipment uptime and improves reliability.

FilterOne’s unique power protection topology combines suppression, filtration and line-sensing electronics to provide maximum protection.

Protection without risk

FilterOne incorporates a unique ground safety circuit (GSC) that will detect the presence of a safety ground path. If one is present, FilterOne engages a high protection common mode circuit. This third stage filtering element provides an added level of protection against noise which can exist between the current carrying lines and ground.

Comprehensive, user-friendly front-panel display

FilterOne features two front-panel indicator lights. The *Output Power* indicator informs the user that FilterOne noise-free output power is present. The *Wiring Fault* indicator informs the user of possible dangerous wiring fault conditions.

Use as a stand-alone or to enhance UPS output

FilterOne can be used as a stand-alone filtering device to provide the highest level of surge protection available. FilterOne can also be added to a UPS to enhance the output power. Providing constant noise-free power to your electronics.

ONEAC quality and reliability

ONEAC’s FilterOne integrates a state-of-the-art design to ensure high reliability and performance. All FilterOne products are UL listed and manufactured under ISO9001 and the highest quality and testing standards.



- **Wiring fault indicator:** detects dangerous wiring problems.
- **Output power indicator:** your visual indication that FilterOne is providing a noise-free line.
- **Industrial strength metal housing:** makes FilterOne virtually indestructible.
- **No “ON/OFF” switch:** prevents accidental shut-off of FilterOne protection.
- **Plug and Play:** easy installation saves money and adds flexibility.
- **Flexible mounting options:** desktop (horizontal, vertical) or wall-mount.
- **Designed and manufactured under ISO9001:** assures consistent quality and performance.
- **UL, cUL:** UL 1449, UL 1283, UL1363

FilterOne: Features and Specifications

Features

Part Numbers	FS11015A-S1SB	FS11015A-S4SB
Output Current (Amps)	15A	15A
Input/Output Voltage (Volts)	120	120
Cord	6 foot attached	6 foot attached
Plug	5-15P	5-15P
Receptacles	(1) 5-15R	(4) 5-15R
Enclosure Type and Color	NEMA Type 1, Black	NEMA Type 1, Black
Status Indicators	Green - Output Power On Red - Wiring Fault	Green - Output Power On Red - Wiring Fault

Specifications

Frequency	60 Hz	60 Hz
Load Regulation Response Time	Output voltage will track input voltage in less than 2 ms at power off and power on for a single asynchronous notch	
Surge Response Time	Instantaneous	Instantaneous
Efficiency	> 99%	> 99%
Noise Attenuation	Up to 60 dB	Up to 60 dB
Surge Voltage Let-Through <small>(when subjected to ANSI/IEEE C62.41 Category B 6000 V/500 A ring wave)</small>	< 20 V Normal Mode, < 20 V Common Mode	
Output Crest Factor	0.3 Leading to 0.3 Lagging	0.3 Leading to 0.3 Lagging
Distortion	< 1% THD added into a resistive load	
Overcurrent Protection	N/A	Circuit Breaker
Overload Capability (typical)		
0.1 sec	dependent on branch circuit breaker	165 A min
1 sec	dependent on branch circuit breaker	42 A min
5 sec	dependent on branch circuit breaker	23 A min
Dimensions – H x W x D – inches (mm)	1.8 x 7.4 x 5.5 (4.6 x 18.8 x 14)	
Net Weight – lbs. (kg)	4 (1.8)	
Shipping Weight – lbs. (kg)	4.5 (2)	

Typical Applications

Personal Computers	•	•
POS Systems	•	•
Telecommunications	•	•
Fax Machines	•	•
Copiers	•	•
Enhance UPS Output Power		•
Provides Filtered Load Shed for UPS	•	

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ONEAC is a UL/BSI registered corporation
— Certification No. A2900



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