

Protects your audio-video components from all power threats.

Battery backup power prevents interruptions, lost pre-sets, missed DVR recordings and damage to display light bulbs when the power goes out.

## Surge protection, noise filtering, automatic voltage regulation and battery backup for home theater systems.



## A single component that eliminates all power threats to your AV system.

The J Type Power Conditioner with Battery Backup offers best value protection for home theater systems. Surge protected outlets keep all components safe from damaging surges, spikes and even lightning. Noise filter banks reduce electromagnetic and radio frequency interference that can harm picture and sound quality. Automatic Voltage Regulation (AVR) keeps voltage levels steady to ensure safe operation during low and high voltage conditions. Battery backup power keeps the home theater on, protects expensive TV bulbs and saves recordings stored on a DVR when the power goes out.

### Protection

**Boost and Trim Automatic Voltage Regulation (AVR)** Eliminates voltage fluctuations as a source of AV signal degradation and component power-supply stress.

**Dataline surge protection** Provides protection of connected equipment from power surges on the data lines.

**Isolated filter banks** Eliminates electromagnetic and radio frequency interference (EMI/RFI) as a source of audio-video signal degradation.

**Power conditioning** Protects connected loads from surges, spikes, lightning, and other power disturbances.

### Serviceability

**Disconnected battery notification** Warns when a battery is not available to provide backup power.

**Hot-swappable batteries** Ensures clean, uninterrupted power to protected equipment while batteries are being replaced.

**Resettable circuit breakers** Enables quick recovery from UPS overload events.

**User-replaceable batteries** Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

### Manageability

**Adjustable voltage-transfer points** Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.

**Adjustable voltage sensitivity** Provides the ability to adapt the Power Conditioner for optimal performance in specific power environments or generator applications.

**DC voltage trigger** Enables remote turn on/off of the 3 delayed outlets. A pass-through jack is also provided for controlling another component located downstream.

**Intelligent battery management** Maximizes battery performance, life, and reliability through intelligent, precision charging.

**USB connectivity** Provides management of the UPS via USB port.

**LCD display** Manage the Power Conditioner through a text-based display.

# Features and Specifications

## APC AV 1kVA / 1.5kVA Power Conditioner with Battery Backup 120V

Feature	J10(Silver)/J10BLK(Black)	J15(Silver)/J15BLK(Black)
<b>OUTPUT</b>		
Output Power Capacity	600 Watts / 1000 VA	865 Watts / 1500 VA
Nominal Output Voltage	120V	120V
Output Frequency (sync to mains)	47 - 63 Hz	47 - 63 Hz
Waveform Type	Stepped approximation to a sinewave	Stepped approximation to a sinewave
Output Connections	(12) NEMA 5-15R	(12) NEMA 5-15R
<b>INPUT</b>		
Nominal Input Voltage	120V	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections (Input cord included)	IEC-320 C14	IEC-320 C14
Cord Length	3.05 meters	3.05 meters
Input voltage range for main operations	90 - 140V	90 - 140V
Maximum Input Current	12A	12A
Input Breaker Capacity	15A	15A
<b>BATTERIES &amp; RUNTIME</b>		
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof	
Included Battery Modules	1	1
Typical recharge time	16 hour(s)	16 hour(s)
Typical Backup Time at Half Load	18.8 minutes (300 Watts)	13.4 minutes (432.5 Watts)
Typical Backup Time at Full Load	6.4 minutes (600 Watts)	6.4 minutes (865 Watts)
<b>COMMUNICATIONS &amp; MANAGEMENT</b>		
Control panel	Multi-function LCD status and control console	
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays	
<b>SURGE PROTECTION AND FILTERING</b>		
Surge energy rating	3200 Joules	4500 Joules
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time :	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-11 Modem/Fax protection (two wire single line), Cable modem / Video protection,Co-axial Video / Cable protection	RJ-11 Modem/Fax protection (four wire dual line),RJ45 10/100 Base-T Ethernet protection,Cable modem / Video protection,Co-axial Video / Cable protection,Coaxial 2-Way splitter with protection
<b>PHYSICAL</b>		
Maximum Height	5.25 inches 133.00 mm	5.25 inches 133.00 mm
Maximum Width	17.00 inches 432.00 mm	17.00 inches 432.00 mm
Maximum depth	18.00 inches 457.00 mm	18.00 inches 457.00 mm
Net Weight	43.30 lbs 19.68 KG	47.00 lbs 21.36 KG
Shipping Weight	54.80 lbs 24.91 KG	58.50 lbs 26.59 KG
Shipping Height	13.00 inches 330.00 mm	13.00 inches 330.00 mm
Shipping Width	21.50 inches 546.00 mm	21.50 inches 546.00 mm
Shipping Depth	24.00 inches 610.00 mm	24.00 inches 610.00 mm
Color	Silver/Black	Silver /Black
SCC Codes	1073130422748 6	1073130422749 3
<b>ENVIRONMENTAL</b>		
Operating Environment	0 - 40 °C	0 - 40 °C
Operating Relative Humidity	5 - 95%	0 - 95%
Operating Elevation	0-3000 meters	0-3000 meters
Storage Temperature	-15 - 45 °C	-15 - 45 °C
Storage Relative Humidity	0 - 95%	5 - 95%
Storage Elevation	0-15000 meters	0-15000 meters
<b>Conformance</b>		
Regulatory Approvals	CSA,FCC Part 15 Class B,FCC Part 68,UL 1778,UL 498	CSA,FCC Part 15 Class B,FCC Part 68,UL 1778,UL 498
Standard Warranty	2 years repair or replace	2 years repair or replace

\*\*The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

Member



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