

H Type Power Conditioner

Protects your AV components, regulates the voltage and reduces noise to help improve sound & video quality

Conditioned. Protected.



Your high-performance AV experience begins (and ends) with power.

From APC's power engineering labs comes the H Type Power Conditioner, a single unit that delivers pure, stable power for high performance AV. The preferred choice of power protection for high performance home entertainment systems, the H Type Power Conditioner combines surge protection, isolated noise filtering, and voltage regulation. Finally, there's a solution that eliminates stress on component power supplies, eradicates EMI/RFI and voltage fluctuation as a source of AV signal degradation, and protects equipment from damaging surges, spikes, voltages fluctuations, and lightning.

-All outlets provide guaranteed protection against surges, spikes and even lightning

-Automatic Voltage Regulation keeps voltage levels safe and steady to reduce component power supply stress and video distortion

-Isolated noise filter banks prevent electrical noise from impacting sound and video quality

-\$750,000 (H15), \$500,000 (H10) lifetime equipment protection policy

-LED indicators provide proactive notification of changing unit and power conditions

-Tested to the toughest standards of UL1449 and IEEE

Protection

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

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

Data line Surge Protection Provides protection of connected equipment from power surges on the data lines.

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

Safety-agency approved Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals.

Manageability

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





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

LED status indicators Three (3) external status indicator LEDs represent that: utility power is present or the PowerShield is operating on battery; the system is operating as expected and output power is present; and the battery needs to be replaced or has been disconnected.

Features and Specifications

H Type Power Conditioners

The H Type mitigates these power problems...

Power Anomaly:	SURGE Short-term increase in RMS voltage levels	SPIKE Dramatic and instantaneous increase in voltage	NOISE INTERFERENCE Electromagnetic and radio frequency interference (EMI/RFI)	BROWNOUT/OVER-VOLTAGE Sustained low or high RMS voltage levels
				
Typical Cause of Disturbance:	Start/stop of household appliances (washing machine, AC, etc)	Lightning	Generated by appliances, HAM radios, nearby radio stations and even AV equipment itself	Too much demand on electric utility; turning of larger household appliances
Effect on Audio Quality:	N/A	None	If severe enough, can cause an audible hum or buzzing sound	Limits dynamic range of sound produced by the amplifier; not enough current is available during peak periods
Effect on Video Quality:	N/A	None	Visible lines of distortion ("hum bar" distortion) possible	Creates visible lines of distortion
Effect on Components:	Stresses power supplies and/or causes premature failure	Catastrophic failure	N/A	Stresses power supplies by forcing larger current draws; may result in premature failure due to increased stress

H10



H15



Models	H10	H15
INPUT		
Input Voltage Range	92V-145V	92V-145V
Nominal Voltage	120Vac	120Vac
Input Frequency	47-63Hz	47-63Hz
Rated Input Current	12A	12A
OUTPUT		
Number of Outlets	12	12
Outlet Type	NEMA 5-15R	NEMA 5-15R
Rated Output Current	15A	12A
Output Voltage Range	120V +/-5% (High Sensitivity setting)	120V +/-5% (High Sensitivity setting)
SURGE PROTECTION		
Let-Through Voltage Rating	<40V	<40V
DATA LINE PROTECTION JACKS		
COAX	2 pair + splitter	2 pair
Telephone/DSL	1 line, 2 wire with splitter	1 line, 2 wire with splitter
Ethernet	Yes	No
PHYSICAL		
DC Trigger	Two 3.5 mm mini-jack plugs (5-30V)	Two 3.5 mm mini-jack plugs (5-30V)
Unit Dimensions	17"W x 3.74"H x 9.5"D	17"W x 3.74"H x 9.5"D
Unit Weight	16.1 lbs	16.7 lbs
CONFORMANCE		
Safety Agency Approvals	UL 1012, FCC Part 68, FCC Part 15 Class B	UL 1012, FCC Part 68, FCC Part 15 Class B
Lifetime Equipment Protection Policy*	\$500,000	\$750,000
Product Warranty	5 Years	5 Years

APC's quality system is certified by ISO 9001 standards



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Legendary Reliability™