

ECS-6RM Rack Mount Power Conditioner & Sequencer



The ECS-6RM is a power conditioner and sequencer with six timing sections and remote monitoring. It features contact closures and connections for six independent Atlas Power ECM modules that can be placed up to 1000ft away. These sequenced outputs allow equipment to be powered ON/OFF in a particular order, to eliminate an inrush of current and audible pops that often occur with non-sequenced power strips. Its multiple-tiered power conditioning circuitry also protects against power or voltage surges and eliminates fuzzy video or audible static common unfiltered electronics. The ECS-6RM also

features an external switch and DCV sequence trigger activation, as well as an abnormal AC line indicator for voltages between 102V-107V and 128V-132V. An Extreme Voltage Shutdown (EVS) precaution engages during dangerous conditions below 102V or above 132V. The unit features both front and rear XLR connections for LED lamps (one model AP-GNL18 included, additional lamp sold separately) to provide illumination options for dark rack mount applications and equipment ease of use.

ECS-KSW6

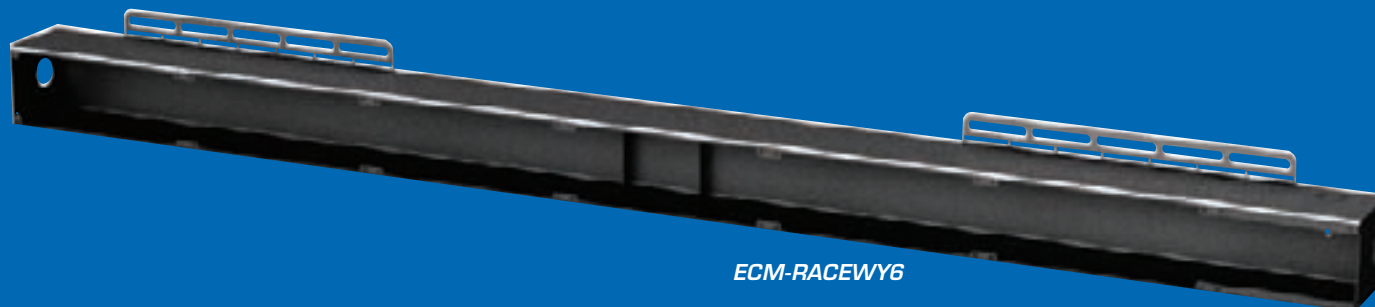


ECS-KSW6

The ECS-KSW6 is a single gang electrical cover plate that works in conjunction with the ECS-6RM system controller. It provides remote activation of the ECS-6RM sequenced equipment remotely, hundreds of feet away from the main equipment rack. The attractive brushed stainless steel wall plate features six bi-color LED red/green indicators for constant status monitoring and activation by momentary key switch for added security.

ECM-RACEWY6

The ECM-RACEWY6 housing supports up to six ECM-20 or ECM-20M modules. Complete with electrical conduit knockouts and blank plates (2 included) if fewer than six modules are needed, the raceway can be mounted into most racks that have at least 60" internal height. Breakaway mounting tabs make it convenient to secure the raceways in most applications.



ECM-RACEWY6

ECM Series Control Modules

Atlas Power currently offers four ECM series control modules designed to provide flexible power conditioning, AC spike suppression, and control as standalone units or in conjunction with Atlas Power ECS sequencers. The ECM-20SH and ECM-15SH are single housing units for 20A and 15A lines respectively while the ECM-20M and ECM-20 are designed for use together in the ECM-RACEWY6 six-module raceway. All four modules feature 2 outlets that support AC spike and surge suppression, AC mains voltage monitoring, EVS circuitry, and remote activation. The ECM-20M, ECM-20SH and ECM-15SH also support current monitoring and EMI/RFI filtering for applications where they are used individually.



ECM-20



ECM-20M



ECM-20SH



ECM-15SH (Top View)

AP-C15D

Rack Mount Power Conditioner



- 10 Total Outlets Are Provided
- 7 Switched Rear Panel Outlets
- 2 Front Panel and 1 Rear Panel Unswitched Convenience Outlets
- RFI Noise Filtering to Reduce Radio Frequency Interference
- EMI To Reduce Electromagnetic Interference
- Dual Clamping Spike & Surge Suppression, DCS Circuitry
- Front Panel Digital AC Mains Voltmeter
- LED Indication of Reversed "Live" and "Neutral" Wiring
- Abnormal AC Line Voltage Indicator for Voltages Between 101V–107V or 128V–132V
- Extreme Voltage Shutdown (EVS) Below 101V or Above 132V AC Line
- Circuit Breaker Protection @ 15A Indicated by "Breaker Open" Indicator
- Front Mounted Pull-out LED Light With 2-Position Dimmer
- Rear Mounted XLR Connector for 12VDC LED Lamp (Optional AP-GNL18)

The AP-C15D offers intelligent power management control, along with noise filtering and spike/surge protection making it the most compact, effective power management protection system on the market today. The 15A compact 1RU unit includes AC Mains Voltage monitoring from the precision Digital Volt Meter in addition to AC spike suppression and filtered power conditioning. Abnormal Voltage indicators inform of potential voltage problems between 128-132VAC and 101- 107VAC. An Extreme Voltage Shutdown (EVS) protection circuit will automatically activate and turn all outlets off until manually reset if potentially damaging voltages above 132VAC or below 101VAC are present

The AP-C15D features noise filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into the AC lines by nearby radio transmitters or wireless products. EMI filters are incorporated to reduce noise from Electromagnetic Interference (EMI) from such items as electric motors, and switching power supplies. The benefit of these filters can be seen on video products or audibly by reducing static pops and external signal interference.

To light your rack, the AP-C15D also incorporates a front panel pull-out dimmable LED tube light. The rear of the rack can be illuminated by the optional 18" gooseneck LED lamp connected via an XLR style socket. (AP-GNL18)

Rack Mount Power Distribution Unit



AP-S15

- 9 Total Outlets
- 6 Rear Panel Switched Outlets and 2 Rear Panel Unswitched Outlets
- 1 Front Panel Unswitched Convenience Outlet
- RFI Noise Filtering to Reduce Radio Frequency Interference
- EMI To Reduce Electromagnetic Interference
- Circuit Breaker Protection @ 15A
- Spike Suppression up to 6000V

The Atlas Power AP-S15 Power Conditioner offers a simplified solution for delivering clean power and protecting equipment from dangerous voltage in rush. The AP-S15 offers power control, noise filtering, and spike / surge protection in a compact, effective power management protection system.

The AP-S15 features both EMI and RFI noise filtering for unwanted Electromagnetic and Radio Frequency Interference which will produce better performance from the components by reducing effects including fuzzy video output and static pops from audio equipment.

Unstable AC Mains voltage is one of the main reasons for equipment failure. Atlas Power AP-S15 protects against AC Spikes, or Transients, are commonly caused by utility power plant grid switchovers. A circuit breaker will trip if current draw exceeds the 15A limit and the AP-S15 compact 1RU design saves space when rack mounted.

AP-S15L

- 9 Total Outlets
- 8 Rear Panel Switched Outlets
- 1 Front Panel Unswitched Convenience Outlet
- RFI Noise Filtering to Reduce Radio Frequency Interference
- EMI To Reduce Electromagnetic Interference
- Circuit Breaker Protection @ 15A
- Front Mounted Pull-out LED Light With 2-Position Dimmer
- Rear Mounted XLR Connector for 12VDC LED Lamp
- Spike Suppression up to 6000V
- AC Fault Indicator

The Atlas Power AP-S15L is designed to meet most installation requirements for AC power distribution and equipment power protection.

The AP-S15L features noise filtering for unwanted Radio Frequency Interference (RFI) that is commonly introduced into the AC lines by nearby radio transmitters or wireless products. EMI filters are incorporated to reduce noise from Electromagnetic Interference (EMI) from such items as electric motors, and switching power supplies. The benefit of these filters can be seen on video products or audibly by reducing static pops and external signal interference.

To light your rack, the AP-S15L has incorporated a front panel pull-out dimmable LED tube light. The rear of the rack can be illuminated by the optional 18" gooseneck LED lamp connected via an XLR style socket.



ECS-3 Rack Mount Sequenced Power Conditioner



- 3 Sequencer Timing Sections
- LED Indication of Reversed "Live" and "Neutral" Wiring
- Low / High AC Line Voltage Indicator @ 105V or 128V
- Extreme Voltage Shutdown "EVS" @ 100V or 135V AC Line
- Circuit Breaker Protection @ 15A Indicated by "Breaker Open" LED
- Front Mounted Pull Out LED Lights with 2 Position Dimmer
- Rear Mounted Switched Connection for XLR LED Lamp (AP-GNL18 sold separately)
- External Switch Sequence Trigger Activation
- External DCV Sequence Trigger Activation 5VDC -24VDC
- Sequence Trigger Output for External 20A Outlet

The ECS-3 provides RFI / EMI noise filtering to reduce radio frequency and electromagnetic interference along with comprehensive spike & surge protection.

Nine total outlets are provided. Seven rear panel outlets are sequenced in three steps from the front panel or remote trigger sources along with a front panel convenience outlet. Unit includes a digital voltmeter displaying incoming line voltage and a retractable LED light fixture with dimmer control for rack illumination.

AP-GNL18

To light your rack, the AP-GNL18 is an 18" gooseneck LED lamp with XLR connection for use with ECS-6RM, ECS-3, and other models. LED lamps are far superior in longevity along with heat reduction when compared to traditional incandescent lamps and the XLR base mounts are also superior to the commonly used BNC type base.



AP-GNL18

SlimLine AC Power Panels



ACRL-191B

Equipped with a lighted, front panel rocker switch. It includes a re-settable 15-amp circuit breaker on the front panel with six switched and two unswitched outlets located on the back chassis and one unswitched outlet on the front of the unit. It includes a 6' factory installed power cord that may be removed via a rear access panel allowing the unit to be hard wired for permanent installations.



ACRL-291

Includes eight switched rear panel outlets plus one front panel unswitched outlet. A pull-out light bar is included on both the front and rear panels of the unit to provide illumination to both the front and rear of the rack. A 15 amp re-settable circuit breaker is located on the front panel for easy access. A 6' power cord is factory installed however a removable access panel and instructions are provided in the event the unit is to be hard-wired with conduit for permanent installations.



SACR-191



SACS-1



SACS-1F

Sequential Switch System

SACR / SACS Series

Prevents high, "in-rush" currents which can damage drivers and sensitive electronic equipment. The Sequential Switch System applies power to system components in desired time-delay sequence to minimize the potential for tripped circuit breakers, blown fuses and voltage spikes. Ideal for large sound reinforcement systems, electrical and electronic systems/controls and any signal chain that requires sequential power up and power down. System is comprised of a six-circuit sequencer controller with remote start switch (use momentary switch only) terminals, external power supply (included) and choice of outlet strips with six or one circuit in regular and isolated ground versions (order separately). Models SACR-191 and SACS-5(F) are finished in black epoxy. Model SACS-1(F) is finished in neutral gray.

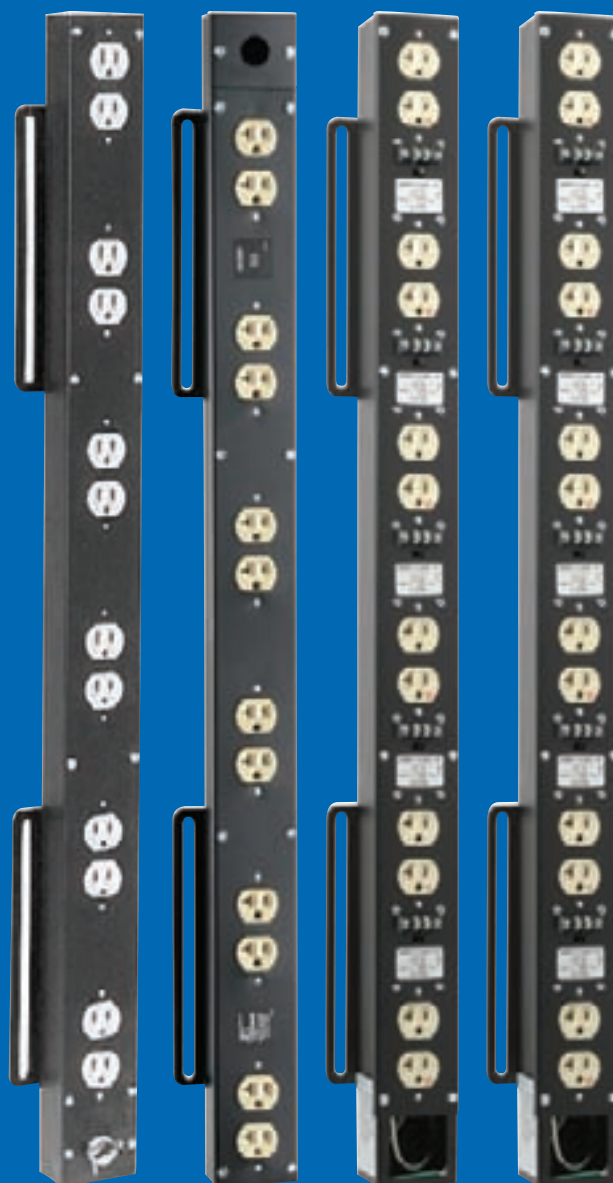
AC Outlet Strips

ACS-1 / ACS-1A / ACS-2A

Outlet strip includes six grounded duplex outlets for installation in equipment cabinets with vertical panel space greater than 21RU (36"). May be used in conjunction with Atlas Sound fan assemblies and power panels to provide a complete cooling and AC power distribution system. Includes hardware. Finished in black epoxy. Dimensions are 36 3/4" length x 2 3/8" width x 1 5/8" height.

RAC-5(B) / RAC-9(B)

Slimline outlet strips provide convenient electrical access without utilizing valuable cabinet space. Compact housing installs between cabinet side panel and mounting rails to the horizontal frame. Housings are finished in black epoxy. Dimensions for the RAC-5 models are 16 1/8" length x 1 1/2" width x 2" height. RAC-9 models measure 24 1/4" length x 1 1/2" width x 2" height.



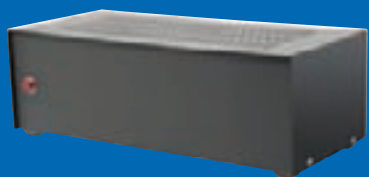
ACS-1

ACS-2A

SACS-5

SACS-5F

AC Outlet Strips & Sequential Switch Systems



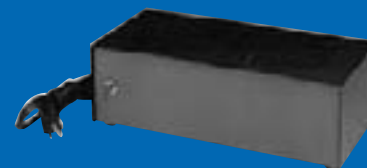
PS24-50A



PS24-075



PS24-20



PS24-2R

Power Supply Units

Regulated DC Power Supply with 1/2 Amp Output

RPS24-05. Compact 24VDC model is offered for use where small, economical power supplies are required. RPS24-05 is recommended for telecommunication installations including small telephone systems and intercom / annunciator applications in industrial, institutional, service and educational facilities. Unit is fuse-protected in the primary, includes barrier strip terminals and has a 6' AC power cord. Finished in black epoxy.

Regulated DC Power Supplies with 2 & 4 Amp Output

PS24-2R / PS24-4R. Assemblies with varying amp service are provided for applications that require excellent regulation and extremely low ripple including transistorized and solid-state control equipment and alarm / warning systems. Models are fuse-protected in the primary, include barrier strip terminals and have a 6' power cord. Finished in black epoxy; larger models include a ventilated cover finished in textured black epoxy.

Heavy-Duty DC Power Supply with 5 Amp Output

PS24-50A. Model offers 24VDC for applications that require a high-current DC supply including many types of telephone, annunciator and industrial paging systems, and installations with large numbers of relays. Unit is fused at the input and includes barrier-type terminals, keyhole mounting slots, ventilated cover and 6' AC line cord. Finished in black epoxy.

General Purpose DC Power Supplies (2 Amp Output)

PS24-20. Compact, multi-voltage unit is designed for a variety of general applications. Voltage selection is accomplished through a plug-in lead. Assembly is complete with fused-transformer primary, 6' power cord, and black epoxy finish.

TS242. UL Listed unit is used for a variety of applications that do not require a regulated supply. Model includes a 117VAC unswitched outlet, neon pilot lamp, barrier-type terminals, and 6' power cord.

Power Pack

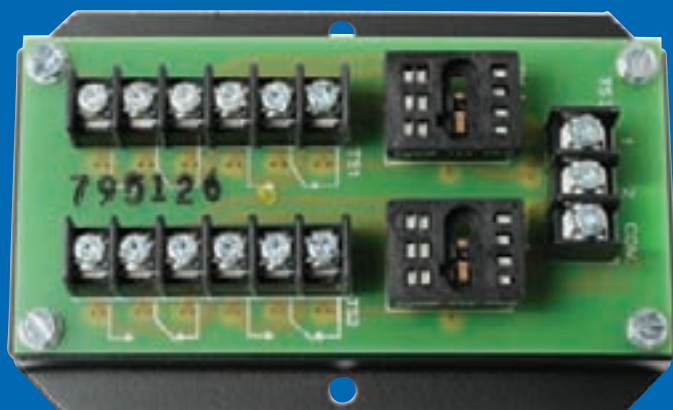
PS24-075. Compact supply is designed to power the RPM/RLM Series DC relays and may also be used in a variety of annunciator applications. Includes positive, negative, and ground terminals with the negative terminal isolated from the ground. Complete with 6' power cord and black epoxy finish.

Telephone Power Supply

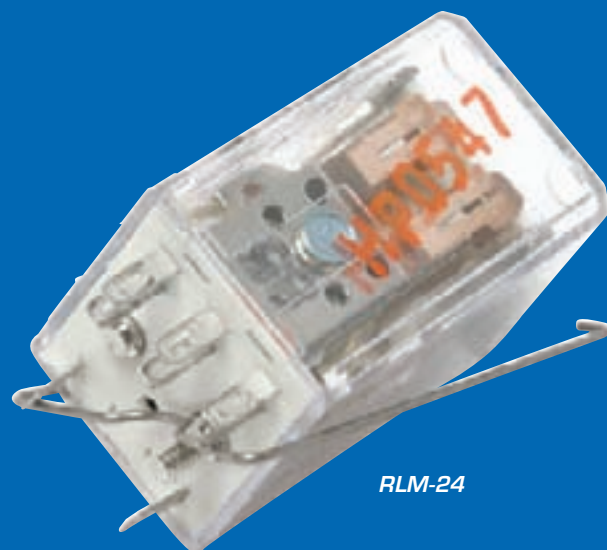
TPS24-05. Unit is a combination 24VDC / TALK voltage power supply engineered to power most common-talk telephone intercom systems. Finished in black epoxy and complete with 6' power cord.

Rack-Mount Power Supply Shelf

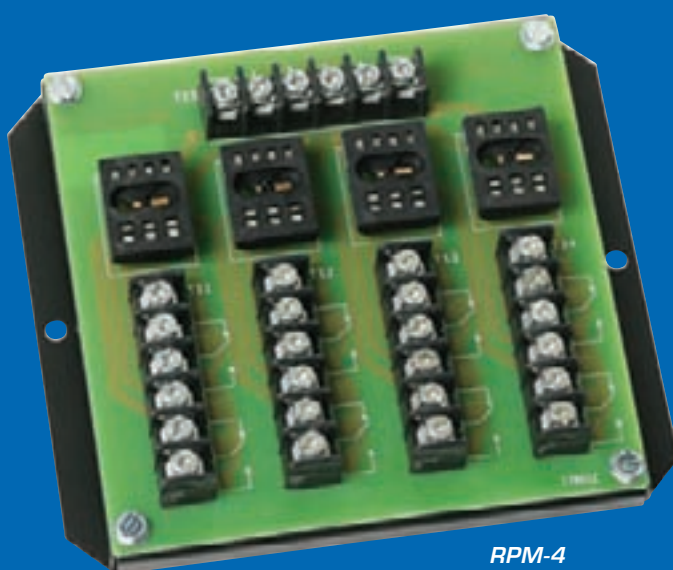
PS-RK. Accessory shelf provides convenient installation of Atlas Sound power supplies in 19" cabinets. Shelf supports up to four 6¾" L supplies or one 13¼" L unit. CRS assembly is finished in black textured epoxy and includes knockouts for line cords, front viewing hole for power indicator, and viewing hole plug. Size: 19" W x 8" D x 5¼" H (483mm x 203mm x 133mm).



RPM-2



RLM-24



RPM-4



PSR-206



PSR-212

DC Relay Packs

RPM/RLM Series

Modular chassis with individual plug-in relays provide configuration and expansion flexibility for application wherever a 24VDC, DPDT relay is required including zone paging, intercom, and telephone systems. Chassis is available in two sizes with 2 and 4 relay sockets. Plug-in DPDT relays prevent long-term oxidation problems and are offered in 3 and 5 amp versions (order separately). To eliminate bussing, one side of each relay coil is connected to a common terminal. Chassis is painted with black epoxy and includes a printed circuit board with barrier type terminals.

Zone Page Powered Relay Packs

PSR Series

DPDT relay with internal 24VDC power supply is available with six or twelve factory-wired relays. To facilitate the addition of external relays or lights, the power supply output is also connected at the terminal strip. Relays may be easily converted to an all page function by connecting the off bus to the selected relay switch output. Models include silk screened terminal diagram and 6' power cord. Black epoxy finish. Separate amplifiers needed for both paging and background music.