



AC-215A

Compact Power Conditioner with Auto-Resetting Voltage Protection

- Furman's exclusive SMP Technology provides the highest level of surge & spike protection available.
- LiFT offers linear AC power filtering to ensure clean power for unequaled audio & video clarity.
- Auto-Reset EVS circuitry detects dangerous voltage irregularities and safely powers down itself and connected equipment in unsafe conditions.
- LED indicators provide information on power quality and operational status of unit.
- 10 amp rating featuring circuit breaker for added protection.
- Zero ground contamination circuitry protects critical video circuits.
- Compact chassis design easily attaches to any flat screen television mount or any other remote location.



AC-215A mounted behind a flat-screen television. The slim, compact design is sleek and unobtrusive, allowing for ease of use and discreet mounting anywhere that clean, filtered power is needed.

Case Study: aboutGolf Golf Simulation

aboutGolf has been the world leader in golf simulation, golf performance and home entertainment system technology for more than 20 years. Today, the company offers three models of PGA TOUR golf simulators for use in retail locations, private golf clubs, academies, residential locations, OEMs or manufacturers, and more. To keep each simulator running smoothly, aboutGolf uses the Furman AC-215A to ensure superior operational performance while protecting each simulator from surges and brownouts.



"The make-up of almost every simulator in the marketplace includes a computer, projector, touch screen and launch monitor," said Chuck Winger, aboutGolf Director of Strategic Relationships. "In our PGA TOUR golf simulators, we offer proprietary equipment, including a 3Trak launch monitor that provides the three dimensional machine vision data from the ball, sensing the club coming in during a swing. To protect all of the aboutGolf hardware and software, Furman AC-215A power conditioners are incorporated into each simulator.*"

The Furman conditioner offers Series Multi-Stage Protection, Linear Filter Technology, Extreme Voltage Shutdown. These technologies deliver advanced and comprehensive transient voltage surge suppressor, all in a very compact chassis. If a surge does happen, the AC-215A protects the entirety of the connected simulators.

All of the components within the aboutGolf simulator work together to create an immersive golf experience for the user, and the Furman AC-215A keeps each system running smoothly while providing a level playing field in hopes for an always better game.

Technology Features

LINEAR FILTERING TECHNOLOGY (LIFT)

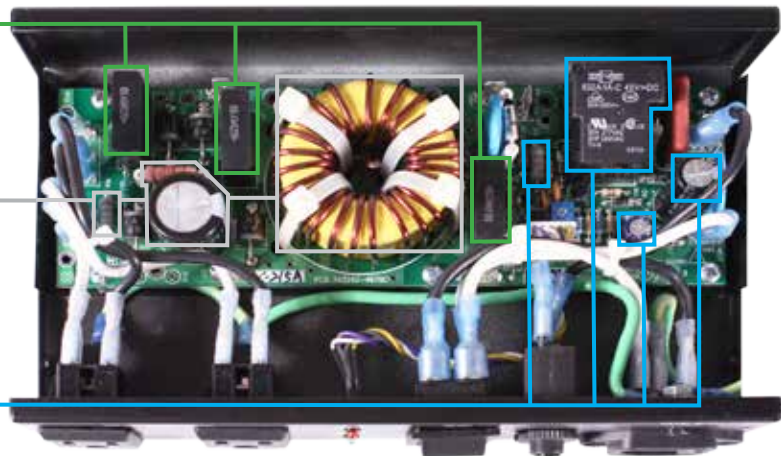
This section filters the incoming AC power in a linear fashion, reducing line noise to unprecedentedly low levels. This ensures optimum performance of all connected equipment.

SERIES MULTI-STAGE PROTECTION (SMP)

These components harness excess voltage in the incoming power and releases it safely, protecting your equipment without sacrificing components or requiring maintenance.

EXTREME VOLTAGE PROTECTION (EVS)

This circuitry senses extreme or prolonged voltage conditions and automatically turns off the unit, safely powering down all connected equipment. When voltage returns to a safe level, the unit is automatically reset.



Please Note: Illustration provides a broad overview of Furman's SMP board and does not reflect the specific complexity of each circuit therein.

Specifications AC-215A

AC Current Capacity

Input: 10 Amp capacity required
Output: 10 Amp RMS (both outlets combined)

AC Noise Attenuation, Transverse (Differential) Mode

>40dB @ 100kHz
>50dB @ 500kHz
(linear attenuation curve from 0.05 to 100Ω line impedance)

Transient Voltage Surge Suppression

120VAC - Series Multi-Stage Protection
Non-Sacrificial with Zero Ground Contamination
188V peak clamping @ 6000V/3000A input

Extreme Voltage Shutdown

137 VAC (Auto-Reset)

Dimensions & Weight

1.75" (H) x 5" (W) x 8.5" (D),
3 lbs.
Safety Agency Listing
cTUVus

Three Year Limited Warranty

AC-215A is protected by a limited three year warranty covering defects in materials and workmanship.

FURMAN®

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