

# **FURMAN**

**PURIFY YOUR POWER**



DISCRETE MOUNTING



## **THE POWER CONDITIONER YOU CAN USE ANYWHERE**

AC-215: 120 Volt  
AC-210 E: 230 Volt



- **Advanced Linear Filtering Technology (LiFT) assures unequalled audio/video clarity**
- **Series Multi-Stage Protection Plus (SMP+) AC surge suppression**
- **Extreme voltage shutdown (EVS) guards your valuable equipment from dangerous wiring faults**
- **Zero ground contamination circuitry protects critical video circuits**
- **Compact chassis design easily attaches to any flat screen television mount or any other remote location**

## Features:

- Compact chassis design easily attaches to any flat screen television mount or any other remote location
- Advanced Linear Filtering Technology assures unequalled audio/video clarity
- Virtually maintenance free Series Multi-Stage Protection Plus AC surge suppression
- Extreme voltage shutdown guards your valuable equipment from dangerous wiring faults
- Zero ground contamination circuitry protects critical video circuits

For over 32 years, Furman has pioneered the development of AC power products for the most demanding audio, video, and broadcast professionals. Furman's Series Multi-Stage Protection Plus (SMP+) delivers the purest AC power and the most comprehensive protection available – going far beyond what is found in traditional surge strips. With Furman's AC-215, everyone can reap the benefits of unrivaled power purification and unequalled surge protection.

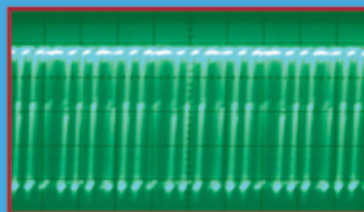
Today's overworked, outdated power grid delivers poor quality AC power. When connecting sensitive equipment to regular power outlets, AC noise masks and distorts critical signal information which cripples performance. This is why it's more important than ever to purify or clean the AC powering your sensitive audio/video equipment. Furman's SMP+ circuit incorporates Linear Filtering Technology (LiFT) to ensure that flat screen televisions, projectors, processors, or any sensitive audio/video components are fed linearly-filtered AC power. This dramatically reduces noise, ensuring consistent, peak performance from your equipment.

Typical AC filters feature non-linear circuits. Though these multiple stage filters or power cleaners reduce some noise, they do so unevenly. In fact, they can add noise to your power line due to their filter's excessive resonant peaking. With Furman's proprietary Linear Filtering Technology (LiFT), AC noise is suppressed evenly, assuring maximum performance from your system.

Additionally, today's power grid commonly experiences numerous electrical surges and spikes on a daily basis. At best, these irregularities can degrade your equipment's performance, and, at worst, can severely damage your entire system. Furman's SMP+ with LiFT, EVS and TVZ MOV offers the highest degree of protection available without sacrificing itself or any of its components.

Another feature that is unique to Furman's SMP+ circuit is automatic extreme-voltage shutdown. Extreme voltages are statistically the most common, damaging AC event. The extreme-voltage shutdown circuit automatically turns off the AC-215 when it is fed 137 (270 VAC for "E" version) volts or higher, protecting itself and connected equipment from the extreme voltage. Only Furman offers this degree of protection! Conventional AC conditioners employing older technologies leak voltage to circuit ground which can, in fact, aid in damaging sensitive digital circuits such as computer processors. Furman's new technology, however, never directs voltage to the circuit ground further ensuring the safety of your equipment.

This compact unit includes hardware for easy installation. It's ideal for mounting directly onto the back of a plasma or LCD screen, but works in any application where discretely-located, remote power purification and protection are needed.



*Regular AC Power causes distortion, buzzing, and video disturbances.*



*Furman's exclusive Linear Filtering Technology dramatically reduces AC noise.*

## SPECIFICATIONS

### AC Current Capacity:

Input - 15 Amp capacity required (10 Amp "E")  
Output - 15 Amp RMS (both outlets combined) (10 Amp "E")

### AC Noise Attenuation:

Transverse (Differential) Mode:  
40 dB from 10kHz - 100 kHz. 80 dB from 100 kHz - 1GHz.  
(linear attenuation curve from 0.05 – 100 ohms line impedance)

### Transient Voltage Surge Suppression:

Series Multi-Stage Protection Plus- Non-Sacrificial with Zero Ground Contamination.  
(188 V peak clamping @ 6000V/3000A input) (376 "E")

### Extreme Voltage Shutdown: 137 VAC (270 VAC "E")

### Dimensions & Weight:

1.75" H x 5" W x 8.5" D, 3 lbs

### Safety Agency Listing:

CE, TUV, NRTL-C

### Three-Year Connected Equipment Warranty:

See manual for details.