



SubStation

AC Power Purification and Isolation

The RGPC SubStation utilizes AV Grade Transformer design and galvanic derived grounding, to eliminate ground loops and isolate AC interference (Electrical Pollution) from other equipment in the AC power System.

The 240V/120V design allows for efficient, balanced and coordinated powering of your equipment, which results in both greater dynamics and up to 400 more watts headroom than a 120V circuit can provide.

The SubStation employs an All Mode Balanced Surge Protection Design (SPD) to ensure Bidirectional Protection and Reduced Ground Interference.

FEATURES & BENEFITS

- AV grade magnetic isolation and shielding
- Preprogrammed all mode let through overvoltage protection
- All mode balanced AC surge protection
- Balanced power delivery
- Resettable circuit breaker
- Compact design
- Compatible with UL1449 3rd edition for Type 2 and 3 locations

APPLICATIONS

- Power purification for demanding home theaters
- High end audiophile systems
- Idea for powering video distribution amps, power amps and complete systems.

SPECIFICATIONS	SUBSTATION240/120	SUBSTATION120/120
Dimensions (WHD)	13 1/4 x 10 1/4 x 7 1/2 in	13 1/4 x 10 1/4 x 7 1/2 in
Net weight	70 lbs	70 lbs
Mounting	Stand alone floor / shelf	Stand alone floor / shelf
Power Cord	7.5 ft, 12 AWG, NEMA	7.5 ft, 12 AWG, NEMA
Outlets	6-20P 4 NEMA 5-20R	5-15P 4 NEMA 5-20R
Input Voltage	240 VAC	120 VAC
Output Voltage	120 VAC	120 VAC
Frequency	60 HZ	60 HZ
Output Power	16 A (1,920 Watts)	12 A (1,440 Watts)
Technology	AV Grd. Magnetics <7000 AVM Factor	AV Grd. Magnetics <7000 AVM Factor
Purification Let through Performance	< 12 Volts NM, <1 Volt CM	< 12 Volts NM, <1 Volt CM
AC Surge Protection (type 2 and 3)	Balanced	Balanced
Efficiency	>97%	>97%
Cooling	Convectional	Convectional
Indicator Light	Blue LED	Blue LED
Storage Temperature	-40° C to 85° C	-40° C to 85° C
Operating Temperature	-40° C to 65° C	-40° C to 65° C

AV GRADE MAGNETICS FOR CLEAN PURE POWER