



www.bantamcleanpower.com

Patented Technology that Protects
Line, Neutral and Ground

**Pro
Series**

Bantam Applications

Point of Sale Systems (POS)

Symptoms:

Point of Sale (POS) data is corrupted or lost without warning. Incorrect data or images are displayed. System would unexpectedly shut down or freeze up and need to be re-booted. System diagnostic programs don't explain reoccurring issues. System ran hot, needed regular maintenance and seemed to have a short useful life.

Cause:

Surges and power spikes from other devices within the facility and from outside sources would damage the system and corrupt the ground. Errant frequencies and harmonics from electronic equipment and wireless devices were stressing the system power electronics and generating excessive heat.

Cost:

Frequent technician maintenance calls. Retail and Fast Food POS down-time affects revenue generation. Loss of user confidence in service and equipment manufacturers. Loss of POS data on sales trends and product usage.

Solution:

Plugging each Point of Sale system into a 120-volt, 15-amp Bantam Vanguard blocks all destructive transients, surges and spikes. Conditions and filters the power pollution traveling along the power wiring, attenuating harmonics and filtering errant frequency noise. Bantam protects and filters Line, Neutral and Ground, creating a stable ground reference so the integrity of digital code is ensured. Running isolated grounds from clusters of POS systems to earth ground is not necessary.

Savings:

Equipment protected by Bantam experienced a 70% reduction in down-time, re-boot incidents, data and display errors. The system ran cooler and equipment life was extended up to 200%. Customer satisfaction improved as transaction through-put remained optimized. The \$120 Bantam easily paid for itself in 3 months.

**Surge Protection ● Power Conditioning & Filter ● Stable Ground Reference
Harmonic Attenuation ● Power Factor Correction ● Hacker Protection**



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Line, Neutral and Ground**

Point of Sale & Hospitality



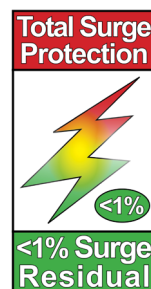
The ideal Power Conditioner for protecting the Customer Interface from surges, spikes transients, EMI & RFI, & harmonic distortion. Can reduce down time & maintenance by 60%. The Patented Circuit is a Bi-Directional filter of Line, Neutral and Ground, so devices sharing a common power source do not share surges, transients, & harmonics.



Bantam Vanguard PP18004 120V 15 amps

Input Voltage:	110-120 VAC Single Phase
Output Voltage:	110-120 VAC Single Phase
Outlets:	Four (4) filtered NEMA 5-15R outlets
Output Current:	15 amps
Nominal Frequency:	50 to 60 Hz
Circuit Protection:	15 amp thermal breaker, push-to-reset
Safety Standard:	MET Listed to UL and cUL Standards

Portable and compact, the 15 amp Vanguard packs incredible Power Conditioning and Surge Protection Technology in a small affordable package.



Bantam Citadel RM1440 120V 15 amps

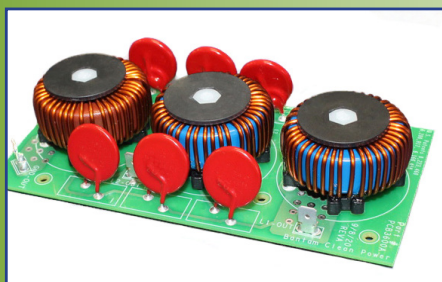
Input/Output Voltage:	110-120 VAC 60 Hz, Single Phase
Outlets:	Six (6) filtered NEMA 5-15R outlets Two (2) IEC 320 C13 outlets, adapters included.
VA Rating:	1440VA 50 to 60 Hz

Bantam Citadel RM2880 220V 15 amps

Input/Output Voltage:	220-240 VAC 60 Hz, Single Phase
Outlets:	Eight (8) filtered IEC 320 C13 outlets
VA Rating:	2880VA 50 to 60 Hz

Regulatory Compliance:	UL 62368-1
Circuit Protection:	Thermal breaker, push-to-reset
Color LCD Display:	Real Time Display For: Surge Count, Voltage, Current, Frequency, Wattage, Power Factor

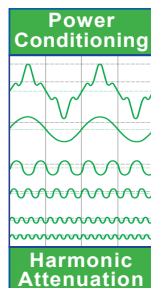
Available in 120 or 220 volts, the versatile and effective, 15 amp Citadel can be rack, floor or wall mounted. Essential protection for computers, servers, test equipment, security, POS, controllers, audio



Bantam Tempest SA3600 100-240V 15 amps

Input/Output Voltage:	100-240 VAC Single Phase
Max Wattage:	3600 50 to 60 Hz
Output Current:	10-15 amps.
Input/Output Connections:	3 each 0.25" QC Spade Connectors
Regulatory Compliance:	UL 62368-1, CE

This Bantam Patented Circuit is UL Component Listed so OEMs can include superior surge and power conditioning in a wide variety of products.



**Surge Protection ● Power Conditioning & Filter ● Stable Ground Reference
Harmonic Attenuation ● Power Factor Correction ● Ground Infiltration Protection**