



[www.bantamcleanpower.com](http://www.bantamcleanpower.com)

Patented Technology that Protects  
Line, Neutral and Ground

**Pro  
Series**

## Bantam Applications

### Casino Game Systems & ATMs



#### Symptoms:

Casino Games, Slot Machine and ATM 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. Casino Game and Slot down-time affects revenue generation. Loss of player confidence in casino and equipment manufacturer. Resolving customer disputes, rebuilding player confidence.

#### Solution:

Plugging each Casino Game, ATM, or Kiosk 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 to clusters of games and equipment 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. Bantam easily paid for itself in 3 months.

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



**Casino Protection**



**ATM Protection**



**Kiosk Protection**

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**Patented Technology that Protects  
Line, Neutral and Ground**

**Casinos • ATM • Kiosk**



The ideal Power Conditioner for Customer Interface Technology. Absorbs surges, transients, EMI & RFI frequencies, and reduces harmonic distortion. Patented circuit filters Line, Neutral and Ground, effectively filters ground to eliminate the Hacker Threat associated with Power Line Exploitation (PLE).



### **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**

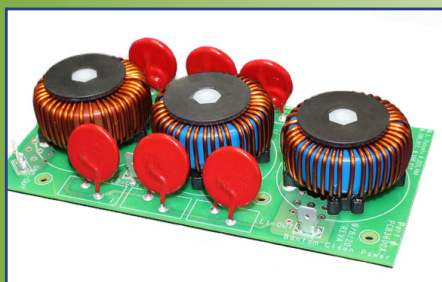
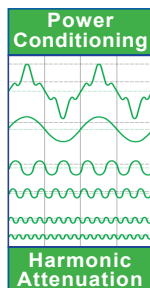
**Input/Output Voltage:** 110-120 VAC 60 Hz, Single Phase  
**Outlets:** Six (6) filtered NEMA 5-15R outlets  
 Two (2) IEC 320 C13 outlets, adapters included.  
**VA Rating:** 1440VA 50 to 60 Hz

### **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**