



Patented Technology that Protects
Line, Neutral and Ground

www.bantamcleanpower.com

Tempest SA3600A-Product Specifications

Engineered to Maximum Ground Infiltration Protection

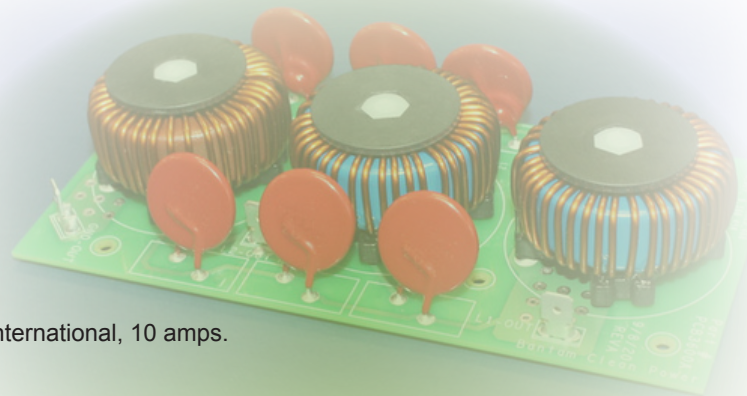
- Surge Protection
- Power Conditioning & Filter
- Stable Ground Reference
- Harmonic Attenuation

Electrical Features

Input Connection: 3 each 0.25" QC Spade Connectors
 Output Connection: 3 each 0.25" QC Spade Connectors
 Circuit Protection: None required

Electrical Ratings

Input Voltage: 100-240 VAC Single Phase
 Output Voltage: 100-240 VAC Single Phase
 Max Wattage: 3600
 Output Current: For US and Canada 15 amps. For International, 10 amps.
 Nominal Frequency: 50 to 60 Hz
 Power Factor: 0.99
 Regulatory Compliance: UL 62368-1, CE



Performance Metrics

Voltage Protection Rating: 330 Volts Line-Neutral, Line-Ground, Neutral-Ground.
Electrical Mode Protection: Patented in-series Normal (L-N) and Common Mode (L-G, N-G, L,N,G).
Harmonic Attenuation: 40% typical reduction of odd-numbered current harmonics.
Ground Infiltration Protection: Bi-directional filter of multiple frequencies on Ground so Power Line Exploit (PLE) is not possible.
EMI/RFI Noise Attenuation: Each path (Line, Neutral, Ground) bi-directionally filtered (patented):
 Up to 100dB reduction on Line and Neutral, up to 60dB on Ground;
 Frequency Range of 100 Hz to > 1GHz.
Electromagnetic Pulse Reduction: Blocks all unwanted current from pulses entering Line, Neutral and Ground
Surge Joule Rating: Series Mode Protection = Unlimited Joules of Energy Suppression
Duty Cycle: Tested independently to retain performance after 24 hours of constant 6000V, 3000 Amps surges without any degradation to unit or protected device.
Actual Clamping Voltage During Surge (Typical) Under Load: Line-Neutral Voltage-120V RMS +/-10V. Neutral-Ground Voltage-0V RMS +/-10V.
Surge Line Current: Less than 0.0001 Amps over RMS.
Surge Withstand Rating: Severe Performance Test - 6000 Volts, 500 Amps Cat. A C62.41-1991 Ring-wave surge (at 90 degree point of input sine wave, positive charge, L1, L2/PE) injected every 45 seconds with powered loads in place for over 1500 injections in a 24 hour period with no degradation of device or attached load.
Surge Protection Life: Surge events do not damage patented circuit. Surge protection is always active.

Physical/Environmental

Storage Temp (ambient): 40° to 80° Fahrenheit, (4° to 27° Celsius)
Operating Temp (ambient): -40° to 104° Fahrenheit, (-40° to 40° Celsius)
Product Weight: 300 grams
Product Dimensions:

<u>Length</u>	<u>Width</u>	<u>Height</u>
153mm	52mm	38mm

Intellectual Property International Patents

6,166,458
 6,288,917
 8,223,468



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**Computers and Servers
Gaming, Kiosk and ATM
Professional Audio and Video
Power Line Exploitation (PLE)
Hospitality and Point of Sale (POS)
Security & Surveillance Applications
Industrial Controllers and Instrumentation**

One Patented Circuit • Revolutionary Performance • Multiple Capabilities • One Low Price

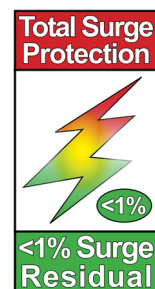
**Surge Protection • Power Conditioning & EMI/RFI Filter • Stable Ground Reference
Harmonic Attenuation • Power Factor Correction • PLE Hacker Protection**



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

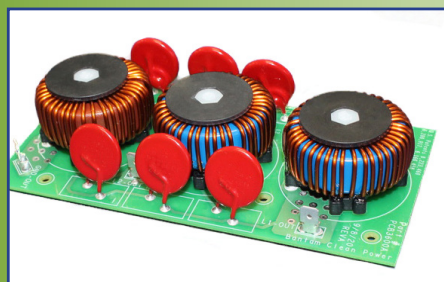
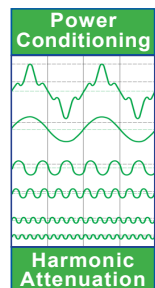
Input/Output Voltage: 110-120 VAC 60 Hz, Single Phase
Outlets: Six (6) filtered NEMA 5-15R outlets
Two (2) IEC 320 C13 outlets, adapters included.
VA Rating: 1440VA 50 to 60 Hz

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.

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