

Vanguard Series

Portable, patented point-of-use power conditioning and surge protection. Two capacity tiers, one non-sacrificial circuit.

- ⚡ Surge Protection
- ⚡ Power Conditioning & Filter
- ⚡ Stable Ground Reference
- ⚡ Harmonic Attenuation
- 🔒 PLE Suppression

STANDARD CAPACITY · 2 OUTLETS

PP3002B

360 VA · 3 A
110-120 VAC · 50-60 Hz



The minimal-footprint Vanguard for one device plus one peripheral.

Outlets	2 filtered NEMA 5-15R
Capacity	360 VA · 3 amps
Design	Ventless: no fan, no idle noise

UL 1449 · MET Labs

3-year replacement

STANDARD CAPACITY · 4 OUTLETS

PP3004A

360 VA · 3 A
110-120 VAC · 50-60 Hz



Four protected outlets for everyday setups: workstations, AV, network gear and POS.

Outlets	4 filtered NEMA 5-15R
Capacity	360 VA · 3 amps
Design	Ventless: no fan, no idle noise

UL 1449 · MET Labs

3-year replacement

HIGH CAPACITY · 4 OUTLETS

PP18004A

1800 VA · 15 A
110-120 VAC · 50-60 Hz



Full 1800 VA capacity: from a complete home theater to your largest gaming setup to a MIG welder.

Outlets	4 filtered NEMA 5-15R
Capacity	1800 VA · 15 amps
Protection	15 A thermal breaker, push-to-reset
Cord	6 ft · 14 AWG · NEMA 5-15P plug

UL 1449 · MET Labs

3-year replacement

How to read a Vanguard model number

PP

Plastic Power Conditioner

1800

Capacity designator (VA)

4

Outlet count

A

Revision level

The 300 in PP3002B and PP3004A is the rounded family designator; the true rating of both models is 360 VA.

Performance, Shared Across the Series

EMI / RFI noise attenuation	Each path (Line, Neutral, Ground) bi-directionally filtered: up to 100 dB on Line and Neutral, up to 60 dB on Ground
Surge suppression design	Series mode protection; energy suppression is not joule-limited
Surge endurance	Independently tested: 6000 V / 3000 A combination wave (1.2/50 μ s voltage, 8/20 μ s current) applied approximately every 45 seconds for 24 hours with powered loads in place; no degradation to the unit or the protected device
Surge protection life	Surge events do not damage the patented circuit; protection is always active
Warranty	3-year full replacement

🔒 PLE suppression, standard in every Bantam circuit

Suppresses power-line emissions (PLE): unwanted high-frequency signals that ride along power wiring, blocking them bi-directionally so they neither leak off your equipment nor couple onto it from the line.

Intellectual Property · U.S. Patents

8,223,468 Power Conditioning Circuit Utilizing High Overstated Rating Inductors

11,775,645 · 12,019,751 · 12,271,477

Suppression of Signal Transmission over a Conductor

One patented circuit. Every product.

Surge protection, power conditioning, a stable ground reference, harmonic attenuation, power factor correction and PLE suppression, engineered into every Bantam product from portable point-of-use units to OEM components.

Computers & Servers

Gaming, Kiosk & ATM

Professional Audio & Video

Hospitality & Point of Sale

Security & Surveillance

Industrial Controllers & Instrumentation

POINT OF USE

Vanguard Series

PP3002B • PP3004A • PP18004A

Portable and compact, the Vanguard packs patented power conditioning and surge protection into a small, affordable package for home, office and pro-AV use.

Input / output	110-120 VAC single phase • 15 A
Outlets	Filtered NEMA 5-15R (2 or 4)
Protection	15 A thermal breaker, push-to-reset

Listed to UL 1449 by MET Labs

RACK, FLOOR OR WALL MOUNT

Citadel Series

RM1440A (120 V) • RM2880A (220-230 V)

Versatile 12 A protection for computers, servers, test equipment, security, POS, controllers and audio, with a color LCD showing surge count, voltage, current, frequency, wattage and power factor in real time.

RM1440A 1440 VA • six NEMA 5-15R + two IEC 320 C13

RM2880A 2880 VA • eight IEC 320 C13

Protection Thermal breaker, push-to-reset

Listed to UL 62368-1

OEM COMPONENT

Tempest SA3600A

85-250 VAC input • 3600 W • 10-15 A

The patented Bantam circuit as a UL component listed module, so OEMs can build superior surge protection and power conditioning into a wide variety of products.

Connections	3 each 0.25" QC spade connectors
Frequency	50 to 60 Hz • power factor 0.99
Protection	None required

UL 62368-1 component listed • CE

UNINTERRUPTIBLE POWER

Nexus UPS Series

Nexus 360 • 800 • 1200 • 1500

Battery-backed continuity built on the same patented Bantam conditioning circuit, so protected equipment rides through outages on clean, conditioned power. Launching 2026.

Family	Four models spanning desktop to rack loads
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Launching 2026

Standard across the line: PLE suppression

Suppresses power-line emissions (PLE): unwanted high-frequency signals that ride along power wiring, blocking them bi-directionally so they neither leak off your equipment nor couple onto it from the line.

Every Bantam product embodies all four active U.S. patents

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