

Product Specification - Leveler Bantam Max Power Purifier Model# PP18004A

Origin:	Designed and Manufactured in the USA
Physical:	
Dimensions:	6.5" X 3.6" X 3.45"
Weight:	3 lbs.
Color:	Putty Gray with Black and Orange outlets, black cord.
Enclosure:	ABS/PVC enclosure, UL 94V-0 flammability, ventless.
Electrical:	
Input:	10' SJT 14X3 105C black Power cord with NEMA 5-15P and integral strain relief. Input Voltage - Range 110 - 120VAC Single phase.
Output:	Two NEMA 5-15R Low Current outlets restricted to 3 amps. Two NEMA 5-15R High Current outlets restricted to 12 amps. Total unit rated and protected for 15 amps, 110-120 volts.
Filtration:	Mission Critical – Line, Neutral and Ground series filtration. Mission Support – Ground Filtration.
Surge Suppression:	Line, Neutral and Ground, All Modes, Voltage and Current.
Indicator:	One green power-on lamp for each pair of Low Current/High Current outlets (a total of two indicators).
Environment:	
Operating Temp.	Range -40° to 104° F
Moisture (relative humidity)	0 to 95% non-condensing
Electrical Ratings:	
Nominal Frequency	50 to 60 Hz
Power Factor	0.99
Max. Cont. Operating Voltage (MCOV)	150 VAC
EMI/RFI Emission	None (Faraday Cage Tested)
Performance:	
Electrical Mode Protection:	Patented Full-Path Protection, Bi-directional filtration
EMI/RFI Filtration:	Line and Neutral -100db noise removal, 2 GHz response Ground – 60 dB noise removal, >500 MHz response
Surge Energy:	Never allows more than 1 Joule of harmful energy for more than 1 millisecond to ever pass to the load on any path.
Electromagnetic Pulse Reduction:	Blocks all unwanted current from pulses entering Line, Neutral, and Ground
Surge Joule Rating:	Unlimited (will not be damaged by a 6KV, 3KA Surge for 100 microseconds)
Noise and Surge Rejection-Isolation	With unit under power and an attached load under power (typical customer use), an ANSI C62.41 at. A pulse applied under all modes at the input, the voltage noise output will be less than 10 Volts for one microsecond, normal mode. The current noise is less than 18 amps for one microsecond, normal mode.
Surge Withstand Rating	Severe Performance Test - 6000 Volts, 500 Amps Cat. A C62.41-1991 Ring-wave surge (at 90 degree point of input sinewave, positive charge, L1,L2/PE) injected every 45 seconds with powered loads in place for a total of over 1,260 injections in a 24 hour period - Results: no degradation of device, loads or output performance (see Noise Rejection.)
Features:	
Color Coding:	Low Current outlets colored Orange and labeled High Current outlets colored Black and labeled
Fault Isolation:	A short circuit or overload on one pair of outlets (Low Current or High current) will not cause the other pair to lose power. Outlet faults feature built-in auto-reset breakers which restore power after the fault is cleared.
No-failure design:	Proven passive inductors are the true surge suppressors and cannot fail even after years of abuse. Solid PCB construction with positive mechanical connections throughout. Made in USA.
Mounting:	Free-standing or wall mount with built-in keyhole slots.
Compliance:	Built to UL 1449 and 1363 safety standards. Certification by MET Labs.
Patents:	U.S. and International Patents and patents pending