

Line Interactive with Stabilizer Design

Uninterruptible Power Supply



BNT and BNT Pro Series

Quality Protection for Small Servers, Workstation and PCs



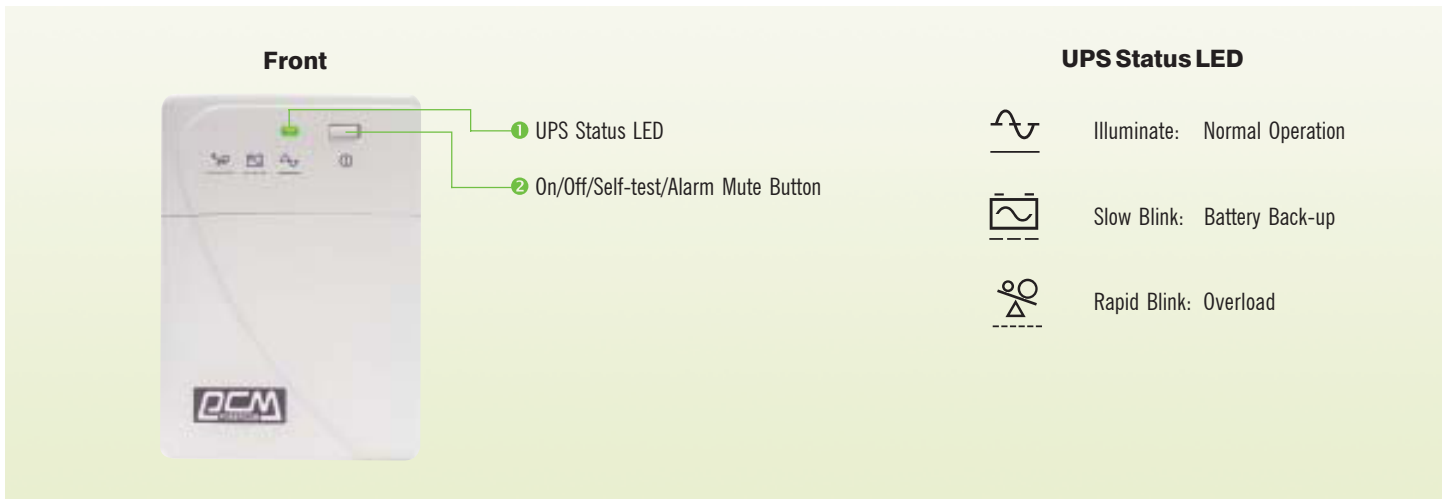
High Quality Features

- Line Interactive with Stabilizer Design
- 100% Digitized Microprocessor Controlled
- Automatic Voltage Regulator for Boost & Buck ($\pm 25\%$)
- Energy Saving (no-load shutdown: UPS sleep mode)
- Advanced Battery Management (ABM)
- Cold Start (DC power on)
- Lightning and Surge Protection
- EMI/RFI Noise Filter
- Short Circuit and Overload Protection
- Automatic Self-test (diagnostic and battery check)
- Single PCB with Reliable Wireless Design
- UPS Status LED (On-line, On-battery and Overload)
- Tel/Modem Surge Protection
- Surge Protection Output (for laser printer)
- *Smart RS232 Communication Port
- *"UPSMON" UPS Monitoring and Controlling Software

*Features available on BNT Pro models



- Real-time Graphic Display by Meter
- Back Up, On-line, Battery and Power Status Display
- Automatic UPS and System Shutdown
- Scheduled UPS and System Shutdown/Reboot
- UPS Notification of Power Events
- History Record of Power Failure Events
- Power Quality Data Log
- Support Windows NT/2000 Service and before user log in under Windows 95/98
- Compatible with Windows 95,98,ME/NT/2000/XP, Novell and Linux etc.



BNT and BNT Pro Technical Specifications

Model		BNT-500A/BNT-500AP	BNT-600A/BNT-600AP
Power Rating		500VA	600VA
Input	Voltage, phase	220Vac ± 25% at line input, single phase	
	Frequency	50Hz ± 10%	
Output	Voltage	Simulated sine wave at 220Vac ± 5%	
	Frequency (on battery)	50Hz ± 0.1%	
	Voltage regulation (AVR)	220Vac ± 10%	
Protection and Filtering	Spike protection	320 Joules, 2 ms	
	Unit input	Fuse for overload and short circuit protection	
	Overload protection	UPS automatic shutdown if overload exceeds 110% of nominal at 60 seconds and 130% at 3 seconds	
	Short circuit	UPS output cut off immediately or input fuse protection	
	Transfer time	2 milliseconds, including detection time	
Battery	Type	Sealed maintenance-free lead acid	
	Typical recharge time	4 hours (to 90% of full capacity)	
	Protection	Automatic self-test & discharge protection	
	Back up time	15–30 minutes (depending on computer load)	
LED Indicators	Status	On-line (illuminate), On-battery (slow blink) and Overload (rapid blink)	
Alarm	Battery back up	Slow beeping sound (about 0.47Hz)	
	Battery low	Rapid beeping sound (about 1.824Hz)	
	Overload	Continue beeping sound	
Interface (BNT-XXXAP only)	RS-232 interface	Bi-directional communication port (included UPSMON software compatible with Windows 95/98/ME/NT/2000/XP, Novell and Linux etc.)	
Environment	Ambient operation	3,500 meters max. elevation, 0-95% humidity non-condensing, 0-48 °C	
	Audible noise	<40dBA (1 meter from surface)	
	Storage condition	15,000 meters max. elevation	
Physical	Input Inlet	IEC 320 power inlet	
	Receptacles	NEMA 5-15R / IEC 320 female appliance coupler	
	Dimension (WxDxH, mm)	97x320x135	
	Weight (kg)	5.9	6.1

Specifications are subject to change without notice. All brands and logos are registered trademarks of their respective owners.

OUTPUT RECEPTACLE OPTION



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