

LINE INTERACTIVE UPS-BLACK KNIGHT BLACK KNIGHT PRO

BLACK KNIGHT

Quality Protection for Small Servers,
and Workstations & PCs

- Line interactive design
- Boost and buck AVR (Auto voltage regulation)
- Fully digitized microprocessor controlled
- Energy saving function (UPS green mode)
- 50/60Hz frequency auto sensing and selection
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- Enhanced battery management (EBM)
- Smart RS-232 communication port
- Tel/Modem internet surge suppression
- Automatically charging when UPS off
- History record of power failure events
- Back up, on-line, battery status, power status display by software
- Schedule shutdown and reboot
- All models auto restart on mains restored



Specification

MODEL		BNT-400AP	BNT-600AP	BNT-800AP	BNT-1000AP	BNT-1500AP	BNT-2000AP	BNT-3000AP	
CAPACITY		400VA	600VA	800VA	1000VA	1500VA	2000VA	3000VA	
INPUT	No. of Plugs	1 x IEC-C14 (10A) Plug						Nil (HW AUS 10A plug)	
	Voltage	240V±/- 25% at line input							
	Frequency	50Hz +/- 10% (auto sensing)							
OUTPUT	No. of sockets	2 x AUS (10A) Sockets			2 x Battery Backup and 1 x Surge Protection AUS (10A) Sockets		3 x UPS AUS (10A) Sockets	4 x UPS AUS (10A) Sockets	
	Voltage (on battery)	simulated sine wave at 240V +/- 5%							
	Frequency (on battery)	50 Hz +/- 1 Hz							
	Voltage Regulation (AVR)	AVR automatically increase output voltage 15% above input voltage if -9% to 25% of nominal. AVR decrease output voltage 13% below input voltage if +9% to 25% of nominal							
	Transfer Time	2/4 milliseconds, including detection time							
PROTECTION and FILTERING	Spike Protection	480 Joules			420 Joules, 8/20µs for 220v~240v model				
	Unit Input	Breaker/Fuse or overload & short protection			Fuse or circuit breaker for overload & short protection				
	Overload Protection								
	10 Base-T Cable Port	UPS automatic Power off if overload exceeds 10% of nominal at 60 seconds and 130% at 3 seconds YES							
	Short Circuit	UPS output out off immediately or input Breaker/Fuse Protection							
BATTERY	Type	Sealed, maintenance-free lead acid			Sealed, maintenance-free lead acid batteries / 3-6 years lifetime				
	Typical Recharge Time	6 hours (to 90% full capacity)							
	Protection	Automatic discharge protection							
	Back-up Time (a PC with 15" monitor)	±20 minutes	±22 minutes	±24 minutes	±40 minutes	±40 minutes	±45 minutes	±45 minutes	
PHYSICAL	Net Weight Kg (lbs)	5.65	6.5	6.6	13.4	13.6	14.5	14.5	
	Shipping Weight Kg (lbs)	5.95	7.0	7.1	14.8	15.0	15.9	15.9	
	Dimension W x D x H mm	97 x 315 x 138			130 x 382 x 200				
ALARM	Battery Back-up	Slow beeping sound about 0.47 Hz)							
	Battery Low	Rapid beeping sound (about 1.824 Hz)							
	Overload	Continuously beeping sound							
COMMUNICATIONS		USB						Serial	
ENVIRONMENT	Ambient Operation	3,500 meters max, elevation. 0-95% humidity non-condensing, 0-40 deg C							
	Audible Noise	<40dBA (1 meter from surface)							
	Storage Condition	15,000 meter max. elevation							