

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
- Advanced battery management (ABM technology)
- 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 7 reboot*



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	Voltage	240V +/- 25% AT line input						
	Frequency	50Hz +/- 10% (auto sensing)						
OUTPUT	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			1065 Joules, 8/20 μ s for 100v~120v model, 420 Joules, 8/20 μ s for 220v~240v model			
	Unit Input	Breaker/Fuse or overload & short protection			Fuse or circuit breaker for overload & short protection			
	Overload Protection	UPS automatic Power off if overload exceeds 10% of nominal at 60 seconds and 130% at 3 seconds						
	10 Base-T Cable Port	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)	\pm 20 minutes	\pm 22 minutes	\pm 24 minutes	\pm 40 minutes	\pm 40 minutes	\pm 45 minutes	\pm 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			
	Input Inlet	IEC C14						
	Receptacles	2 x Australian Socket (10A)			2 x Australian Socket (10A) Battery Backup, 1 x Australian Socket (10A) Surge Protection			
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						
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						