

BLACK KNIGHT BLACK KNIGHT PRO

Quality Protection for Small Servers, and Workstations & PCs

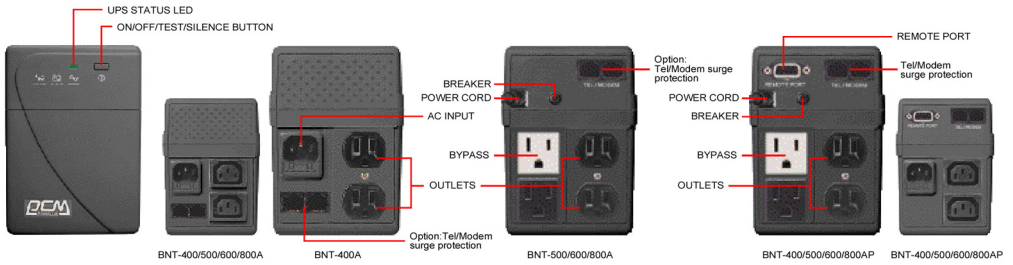
- Line interactive design
- Boost and buck AVR (Auto voltage regulation)
- Fully digitized microprocessor controlled
- Energy saving function (UPS green mode)
- 50/60Hz frequency auto sensing and selection
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload 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 & reboot *

* Feature on BNT-xxxAP models only



Complete Power Solution™

ISO 9001 Certified Company



SPECIFICATION

MODEL		BNT-400A	BNT-400AP	BNT-500A	BNT-500AP	BNT-600A	BNT-600AP	BNT-800A	BNT-800AP
INPUT	Capacity	400VA		500VA		600VA		800VA	
	Voltage	100V,110V,115V,120V,220V,230V,240V +/- 25% at line input							
	Frequency	50 or 60 Hz +/- 10% (auto sensing)							
OUTPUT	Voltage (on battery)	Simulated sine wave at 100V,110V,115V,120V,220V,230V,240V +/- 5%							
	Frequency (on battery)	50 or 60 Hz +/-1Hz							
	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, 2ms							
	Unit Input	Fuse or circuit breaker for overload & short circuit protection							
	Overload Protection	UPS automatic power off if overload exceeds 110% of nominal at 60 seconds and 130% at 3 seconds							
	10 Base-T Cable Port	OPTIONAL	YES	OPTIONAL	YES	OPTIONAL	YES	OPTIONAL	YES
	Short Circuit	UPS output cut off immediately or input fuse protection							
BATTERY	Type	Sealed, maintenance-free lead acid batteries with 3-6 years typical lifetime							
	Typical Recharge Time	6 hours (to 90% of full capacity)							
	Protection	Auto discharge protection							
	Back-up Time (a PC with 15" monitor)	10 - 20 minutes		20 - 30 minutes		25 - 35 minutes		30 - 40 minutes	
PHYSICAL	Net Weight Kg (lbs)	4.2 (9.2)	5.65 (12.43)	5.8 (12.8)	6.44 (14.17)	6.0 (13.2)	6.5 (14.3)	6.45 (14.19)	6.6 (14.52)
	Shipping Weight Kg (lbs)	4.6 (10.1)	5.95 (13.09)	6.3 (13.9)	6.94 (15.27)	6.5 (14.3)	7.0 (15.4)	6.95 (15.29)	7.1 (15.62)
	Dimension	97 x 260 x 135				97 x 320 x 135			
	W x D x H mm	(3.8"x10.2"x5.3")				(3.8" x 12.5" x 5.3")			
	Input Inlet	IEC 320 power inlet							
Receptacles	NEMA 5-15R(115V) / IEC 320 female appliance coupler (220V)								
ALARM	Battery Back-up	Slow beeping sound (about 0.47 Hz)							
	Battery Low	Rapid beeping sound (about 1.824 Hz)							
	Overload	Continuously beeping sound							
INTERFACE	RS-232 Interface	NO	YES	NO	YES	NO	YES	NO	YES
ENVIRONMENT	Ambient Operation	3,500 meters max. elevation, 0-95% humidity non-condensing, 0-40 deg C							
	Audible Noise	<40dB(A (1 meter from surface)							
	Storage Condition	15,000 meter max. elevation							

Available Through:

