

# Black Knight Pro



Quality UPS protection for small servers, workstations and personal computers.



**UPS SYSTEMS**

**INDUSTRIAL DC SYSTEMS**

**INDUSTRIAL & EQUIPMENT BATTERIES**

**BATTERY CHARGERS**

**INVERTERS**

**EMERGENCY & EXIT LIGHTING**

**INSTALLATION & SERVICE**

- Line Interactive technology
- Buck and Boost AVR (Automatic Voltage Regulation)
- Broad +/- 25% Voltage Regulation range
- Fully digitized microprocessor controlled
- EMI/RFI noise filter
- Energy saving UPS "sleep" mode
- Short circuit and overload protected
- Includes Phone/Fax/Internet protection
- which is compatible with RJ-11 and RJ-45 plugs
- Bundled with UPSMON monitoring & shutdown software (for WIN, Novell & Linux o/s)
- Hot swappable user replaceable batteries
- Covered by a full two-year (RTB) Warranty which also includes the batteries.

**NIKKO**<sup>®</sup>  
by POWERCOM

## SPECIFICATION\*

Model		BNT-400AP	BNT-600AP	BNT-800AP	BNT-1000AP	BNT-1500AP	BNT-2000AP
INPUT	Capacity	400VA	600VA	800VA	1000VA	1500VA	2000VA
	Voltage	220V,230V,240V +/- 25% at line input					
	Frequency	50 or 60 Hz +/- 10% (auto sensing)					
OUTPUT	Voltage (on battery)	Simulated sine wave at 220V,230V,240V +/- 5%					
	Frequency (on battery)	50 or 60 Hz +/-1Hz					
	Voltage Regulation (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 for overload & short circuit protection					
	Overload Protection	Automatic power off if overload exceeds 110% of nominal at 60 sec. and 130% at 3 sec.					
	10 Base-T Cable Port	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 (mins) - full load	3	3	3	5	5	5
PHYSICAL	Net Weight Kg	4.5	6.3	6.3	13.4	15.9	15.9
	Shipping Weight Kg	4.9	6.8	6.8	14.8	17.3	17.3
	Dimensions W x D x H mm	97 x 260 x 135	97 x 320 x 135	97 x 320 x 135	382 x 130 x 192	382 x 130 x 192	382 x 130 x 192
	Input Inlet	IEC 320 power inlet					
	Receptacles	IEC 320 female outlet					
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	YES					
ENVIRONMENT	Ambient Operation	3,500 meters max, elevation. 0-95% humidity non-condensing, 0-40 deg					
	Audible Noise	<40dBA (1 meter from surface)					
	Storage Condition	15,000 meter max. elevation					

\* Specifications subject to change without notice.

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