



BNT-2000AP

GENERAL INFORMATION

Model Type	BLACK KNIGHT PRO
Model Name	BNT-2000AP

AC INPUT

AC Input Capacity on Battery	2000VA
AC Input Voltage	100V or 110V/120V or 220V/230V/240V +/- 25% at line input
AC Input Frequency	50/60 Hz +/-0.5% (auto sensing)
AC Input Transfer	N/A

AC OUTPUT

AC Output Voltage	Simulated sine wave at 100V or 110V/ 115V/ 120V or 220V/ 230V/ 240V
AC Output Frequency	50/60 Hz +/-0.5%
AC Output Voltage Regulation	AVR automatically increase output voltage 15% above input voltage
AC Output Transfer	2/4 milliseconds, including detection time

PROTECTION

Protection Spike	480 Joules / 2ms
Protection Overload	UPS automatic shutdown if overload exceeds 110% nominal at 60 sec and 130% at 3 sec
Protection Unit	Fuse for overload & short circuit protection
Protection Inside Protection	UPS output cut off immediately or input fuse protection

BATTERY

Battery Type	sealed, maintenance-free lead acid batteries
Battery Typical	6 hours (to 90% of full capacity)
Battery Protection	Auto discharge protection

Battery Run Time	70 - 80 minutes
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PHYSICAL

Physical Weight kgs	14.5
Physical Weight lbs	31.9
Physical Shipping Weight kgs	15.9
Physical Shipping Weight lbs	35
Physical Dimension mm	382x130x192
Physical Dimension inch	15.0

INDICATOR

LED	LED
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ALARM

Alarm Battery Backup	Slow beeping sound (about 0.47 Hz)
Alarm Battery Low	Rapid beeping sound (about 1 Hz)
Alarm Overload	Continue beeping sound

INTERFACE

Interface RS-232	YES
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ENVIRONMENT

Environment Ambient	3,500 meters max. elevation, 0-95% humidity non-condensing
Environment Audible	<40dBA (1 meter from surface)
Environment Storage Condition	15,000 meters max. elevation
ShowOrder	0

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