



BNT-1500AP

GENERAL INFORMATION

Model Type BLACK KNIGHT PRO
 Model Name BNT-1500AP

AC INPUT

AC Input Capacity on Battery 1500VA
 AC Input Voltage 100V or 110V/115V/120V or 220V/230V/240V +/- 25% at line input
 AC Input Frequency 50 or 60 Hz +/- 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 +/- 25%
 AC Output Frequency 50 or 60 Hz +/- 0.5%
 AC Output 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
 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 UPS output cut off immediately or input fuse

	protection
Battery Typical	6 hours (to 90% of full capacity)
Battery Protection	Auto discharge protection
Battery Run Time	70 - 80 minutes

PHYSICAL

Physical Weight kgs	13.4
Physical Weight lbs	29.5
Physical Shipping Weight kgs	14.8
Physical Shipping Weight lbs	32.6
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 1.82Hz)
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, 0-40 deg c
Environment Audible	<40dBA (1 meter from surface)
Environment Storage Condition	15,000 meters max. elevation
ShowOrder	0

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