

## UPS3500 • 3.5KVA/KW ON LINE UPS SPECIFICATIONS

### INPUT

Voltage • 208 or 240VAC - 15% + 10%  
Frequency • 60Hz  $\pm$ 5Hz (Input voltage and frequency range are programmable via RS232 port)

### OUTPUT

Voltage (AC line) • 120, 208/120, 224/120 or 240/120VAC  $\pm$  5%  
Voltage (on inverter) • 120, 208/120, 224/120 or 240/120VAC  $\pm$ 1%  
Crest Factor Capability • 3.0  
Output Power Factor Limitations • None  
Frequency (AC line) • follows input  
Frequency (on inverter) • 60Hz  $\pm$ 0.1Hz  
Frequency Slew Rate • 1-255Hz/sec (programmable via RS232 port)  
Total Harmonic Distortion < 1%  
Efficiency • >93% overall at full load  
Overload Rating • 150% for 1 min.  
• 275% for 1 sec.

### OVERLOAD PROTECTION

Output electronically current limited to 275% full load rating  
Fuses provide backup protection to electronic current limit  
Over temperature protection

### BATTERY

Sealed maintenance-free 5 year expected life  
Battery voltage • 108VDC nominal  
Battery current • 39 amps max  
Backup time • 15 min. on internal batteries (full load)

### INDICATORS AND CONTROLS

LEDs • Indicate AC line, Inverter, Battery, and Overload status

Audible alarm • indicates loss of AC line, low battery, or overload

Reset Switch • silences alarm and resets overloads

Power ON/OFF switch

RS232 Interface for remote communications of status and diagnostics

### PHYSICAL (3.5KVA)

Operating Temp • 0° C-40° C ambient without derating

Storage Temp • 20° C-40° C

Thermal • Internal forced air

Audible Noise • 42 dBA

Line Cord • 6' (with user specified plug)

Output Receptacles • (user specified many - options available)

RS232 Port • Interface for remote communications

Dimensions: • Height 21"  
• Length 26"  
• Width 12"

Weight with internal batteries • 300 lbs.

Color • PC Bone

### OPTIONS

External Battery Cabinets - For extended backup times (Model BP9-15)  
Maximum allowable external battery capacity - equivalent of 15 packs  
Output Voltage Regulation on AC line (Option -R)  
Casters (Option -C)  
AS/400 Contact Closures (Option -A)  
Smoke Detector (Option -SM)  
50 Hz Models  
NOTE: For any of the above options, consult factory.