

**<UPS15000/3-20-1 - 15KVA/KW 3Φ ON LINE UPS SPECIFICATIONS>**

**INPUT**

Voltage • 208/120VAC 3Φ Nominal  
Current • 50 amps max at rated load.  
Frequency • 60Hz ±5Hz (Input voltage and frequency range are programmable via front panel)

**OUTPUT**

Voltage (AC line) • 208/120VAC 3Φ Nominal  
Voltage (on inverter) • 208/120VAC ±1%  
Current (rated load) • 42 amps  
Crest Factor Capability • 3.0  
Output Power Factor Limitations • None  
Frequency (AC line) • follows input  
Frequency (on inverter) • 60Hz ±.01Hz  
Frequency Slew Rate • 1-255Hz/sec (programmable via front panel)  
Efficiency >94% overall at full load  
Overload Rating • 150% for 1 min.  
• 300% for .34 sec.

**OVERLOAD PROTECTION**

Output is electronically current limited to 300% full load rating  
Circuit breakers provide backup protection to electronic current limit  
Over temperature protection

**BATTERY**

Sealed maintenance-free 3-5 year expected life  
Battery voltage • 240VDC nominal  
Battery current • 70 amps max  
Backup time on internal batteries:  
• 13 min. (full load - P.F.=1)  
• 21 min. (full load - P.F.=.7)

**INDICATORS AND CONTROLS**

Keypad • to address several data screens, command UPS control, set parameters  
LCD Screen • to provide full system operating data/warnings/messages  
Rotating Transfer Switch to select modes:  
OFF/ OFF IDLE/ ON UPS/ ON BYPASS  
Transfer Request button • to allow UPS to switch between normal operation and maintenance bypass without power interruption to load.  
LEDs • indicate AC line presence, Battery discharging, and presence of an alarm condition.  
Audible alarm • indicates loss of AC line or presence of an alarm condition.  
Reset Switch • silences audible alarm  
RS232 Interface for remote communications of status and diagnostics (Voltage or Current Loop interface configuration)  
Custom I/O and Relay Contacts • provides status contacts capable of 120V/10A or 24V/0.1A operation.

**PHYSICAL**

Operating Temp • 0°C to 40°C ambient without derating.  
Storage Temp • -20°C to 40°C  
Thermal • Internal forced air  
Audible Noise • 60 dBA  
Input/Output • hardwired to distribution panels.  
Dimensions:  
• Height 75" • Depth 28" • Width 32"  
Weight with internal batteries • 1,500 lbs.  
Color • PC Bone

**OPTIONS**

Larger size 2 (75" x 32" x 38") cabinet with 65 amp-hr internal batteries  
External Battery Cabinets • For extended backup times Models BC20-38, BC40-38, BC60-38, BC80-38, BC100-38 (38 amp-hour) or BC20-65, BC40-65 (65 amp-hour)  
50 Hz Models, Other voltages, External step up/down transformers, Remote status displays.  
NOTE: For any of the above options, consult factory.