

◀UPS25000/3-20-1(or 2) - 25KVA/KW 3Φ ON LINE UPS SPECIFICATIONS▶

INPUT

- Voltage • 208/120VAC 3Φ Nominal
- Current • 85 amps max at rated load.
- Frequency • 60Hz ±5Hz (Input voltage and frequency ranges are programmable via front panel)

OUTPUT

- Voltage (AC line) • 208/120VAC 3Φ Nominal
- Voltage (on inverter) • 208/120VAC ±1%
- Current (rated load) • 70 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 RS232 port)
- Efficiency >94% overall at full load
- Overload Rating
 - 150% for 1 min.
 - 300% for .17 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 • 120 amps max
- Backup time on int. batteries (-1 model)
 - 6 min. (full load - P.F.=.7)
 - 10 min. (full load - P.F.=.7)
- Backup time on int. batteries (-2 model)
 - 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 (-1 model)
 - Height 75"• Depth 28"• Width 32")
- Dimensions (-2 model)
 - Height 75"• Depth 32"• Width 38")
- Weight with internal batteries • 1,700 lbs.
(-2 model: larger cabinet = 2,000 lbs)
- Color • PC Bone

OPTIONS

- 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.