

# Power Craft 3XX

ON-LINE UNINTERRUPTIBLE POWER SUPPLY / 3 PHASE INPUT - 1 PHASE OUTPUT

POWER CRAFT Series Uninterruptible Power Supplies (UPS) are absolute solution for protecting Computer systems, server, network terminals, printers, scanners, office devices such as fax and telephone exchange, photo-printing machines, printer safe, barcode reader and other electronic devices against defects arising from power failures.

POWER CRAFT Series Uninterruptible Power Supplies (UPS) are produced by using PWM, IGBT and double conversion technologies. The POWER CRAFT Series are advanced true On-Line Sine wave devices with static transfer switch which provide reliable, regulated, conditioned AC power to sensitive equipment.

## STRUCTURAL SPECIFICATIONS

- 3 phase input - 1 phase output 10 kVA-40 kVA
- True (double conversion) On-line system constantly supplying the load with resolute 220 VAC voltage and 50 Hz. frequency which produced by its own inverter unit.
- True sinus output wave
- Reliable operation with all electrical devices
- Genuine static and modular structure with SMPS, PWM and IGBT technology
- Galvanic isolation transformer at output
- High efficiency and silent operation with microprocessor controlled PWM technology
- Advanced IGBT technology.
- Microprocessor based main controller board.
- Transferring the overload by Static Transfer Switch (STS) uninterruptedly to the main supply.
- LCD (Liquid Crystal Display) display.
- Wide Protection Systems (over temperature, over load, output short circuit, output voltage low/high)
- Additional terminal for battery connection at the rear panel
- In case of defect, manual by-pass and maintenance facility to operate from main supply.
- Automatic shut-off in case of Overheat, short circuit, low battery and IGBT fault
- Protection by fuse for input, output and battery
- Facility to access all the information through RS232 and SNMP communication interface (optional)
- High quality maintenance-free lead acid type batteries.
- High nonlinear load capacity, special for computers.
- Ergonomic cabin design
- High efficiency
- Production with ISO-9001:2000 Quality Management System
- 2 years warranty
- 10 years spare part warranty
- Technical service support

## Increased power quality:

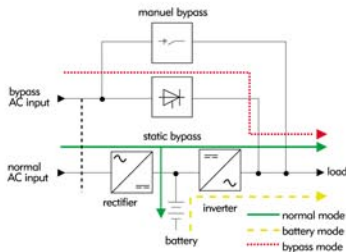
The UPS has its own internal voltage and frequency regulator circuits which ensure that its output is maintained within close tolerances independent of voltage and frequency variations on the mains power lines. As it supplies regulated, fixed and continuous voltage & frequency, can be used with all electronic devices safely.

## Effective Line Isolation/ Increased Noise Rejection:

POWER CRAFT UPS, prevents your devices from bad effects of line noises. The rectifier unit at input of the device and **galvanic isolation transformer** at the output of the device protects loads from the line noises and failures. POWER CRAFT serial UPS supply the load continuously via rectifier/charger and inverter combination which carries out a double conversion. The voltage differences of the line never affects the output voltage. If line exists, the output frequency is synchronized to line.

## True double conversion technology:

By rectifying input AC power to DC power, and then converting it back to AC, any electrical noise that may present on the input mains supply line is effectively isolated from the UPS output, therefore your critical loads receive only clean power.



POWERCRAFT UNINTERRUPTIBLE POWER SUPPLY