

MPI SERIES



X6 series

MPI 5-100kVA

Double Conversion On-Line Industrial UPS

The MPi UPS series is designed to offer a cost effective product with the most advanced technology in industrial power supply applications.

The MPi system is an on-line double conversion UPS, designed to protect AC loads from any disturbances from the AC mains power supply.

The MPi UPS is fully compatible with all types of batteries (vented or sealed; lead-acid or Ni-Cd).

The power conversion to AC stabilized voltage is monitored by means of IGBT modules, assuring high performance in terms of efficiency, harmonic distortion and voltage stability.

The modular and flexible design allows easy configuration of the system according to the customer technical requirements.

The system is provided with a digital mimic control panel, displaying the operational status of the equipment (signals, alarms, meters, history events). Serial interfaces are available for remote control of the UPS. Upon request supervision application software is available for monitoring via PC.

MAIN FEATURES

- Industrial layout
- Easy maintenance/front access
- LCD multifunctional mimic control panel
- IGBT Technology (PWM)
- Microprocessor control & supervision
- Large size (up to 100kVA) in reduced space
- Input galvanic isolation
- Reduced output THD with non linear load
- Remote monitoring via SPDT contacts

- EPO (Emergency Power Off)

MAIN OPTIONS

- Bypass line isolation transformer & AC/AC voltage regulator
- Additional input THD filters
- Redundant ventilation
- 12 pulse rectifier
- Active parallel redundant and parallel hot-standby configuration (n+1 units)
- AC & DC distribution panels
- External EEXD battery protection box
- AC & DC earth fault alarm
- Internal lighting
- Internal heater
- Temperature compensation of battery voltage
- Remote monitoring via PC/RS232/RS485
- MODBUS protocol
- SNMP protocol
- 3Ph Output MPi model