

## Socomec Masterys IP+

Specially engineered to power and protect typical industrial equipments such as motors, motor speed drivers, lamps, non linear loads, welding equipments, power supplies, MASTERYS IP+ is also perfectly able to supply control equipments like programmable controllers, sensors and measurement apparatus and integrates perfectly into the most demanding industrial environments.

Designed to protect industrial processes. A compact solution with isolation transformer and integrated batteries.



The MASTERYS IP+ series is certified by TUV SUD with regard to product safety (EN 62040-1).

### Product Highlights

- \* Robust enclosure (2 mm thick heavy steel frame).
- \* Floor anchoring (to prevent tilting).
- \* IP31 and IP52 protection degree for harsh environments with easy replaceable dust filters.
- \* Wide input voltage tolerance from -40% up to +20% of nominal voltage
- \* Double EMC immunity compared to UPS international standard IEC 62040-2.
- \* Frontal access for input/output cabling, spares replacement and preventative maintenance.
- \* Scalable power and high availability (using redundancy), with the facility to parallel up to 6 units.
- \* Input power factor > 0.99 and input current harmonic distortion < 3% thanks to IGBT rectifier.
- \* Compatible with Open Vented Lead Acid, Valve Regulated Lead Acid (VRLA) and Nickel Cadmium batteries.
- \* User-friendly multilingual interface with graphic display.
- \* Flexible communication boards for every industrial communication need: dry contacts, MODBUS, PROFIBUS, etc.
- \* Fully compatible with generator sets.

Contact the Sydney office for all your industrial UPS needs

Brands Supplied;





### HPH Series, Three Phase 20-120 kW

The Ultron HPH is a true online double-conversion UPS offering the best-in-class combination of maximum available power, unbeatable energy efficiency and superior power performance for small data centers and other mission critical applications requiring highly reliable power protection. With fully rated power (kVA=kW); the Ultron HPH provides maximum available power without de-rating the UPS. Thanks to three level inverter and Delta's innovative three phase PFC topology, it features low iTHD <3%, up to 96 % AC-AC efficiency and 99% efficiency in ECO mode resulting in significant TCO (Total Cost of Ownership) savings. Facilitating increased availability through special watch-dog design, the Ultron HPH is an ideal solution for protecting your mission critical operations.

#### Features:

- Fully rated power (kVA=kW) for maximum power availability
- Leading AC-AC efficiency up to 96% saves energy costs
- Low harmonic pollution (iTHD<3%) and high input power factor (>0.99) reduce upstream investment costs
- Wide input voltage range allows the UPS to operate in harsh electrical environments and extends battery life
- DS based technology enables reduction in the number of electronic components to lower failure rate
- Redundant auxiliary power and fan design\* enhance system reliability
- A wide choice of configurations, such as N+X redundancy and hot stand-by
- Adjustable charging current and charging voltage meet different battery configuration requirements
- Flexible battery configuration optimizes battery investment
- Front-door battery replacement with hot-swappable battery tray design supports easy and quick replacement without turning the unit off (HPH-B / BN)
- Swappable interior architecture enables quick and easy maintenance\*
- Multi-connectivity interface supports remote UPS monitoring and management

\* Applied for 60-120kVA models