

# CHAMPION<sup>®</sup> UPS

## ONLINE UPS WITH GALVANIC ISOLATION TRANSFORMER



True online topology with pure sine wave output



Compact design with user friendly LCD display



Extended runtime solution available with external batteries



Communications capability via RS-232 or optional SNMP



Wide input voltage range, high input power factor & low voltage THD



Cold Start function for starting from batteries & Generator compatible



Built-in automatic bypass & automatic self-diagnostic function

## RUGGED UPS DESIGN FOR HARSH ENVIRONMENT

### TRUE ONLINE DOUBLE CONVERSION UPS

► SINGLE PHASE INPUT - SINGLE PHASE OUTPUT ► CAPACITY: 6 - 10KVA

The Champion UPS On-line Series is yet another option for applications that require the best protection and maximum reliability in electrical protection for businesses and industry. With its double conversion On-line technology, the most reliable technology on the market, this UPS is a single phase output UPS with single phase input designed to support large loads for data centers, large telephone systems and other mission-critical applications. A perfectly regulated, continuous sine wave output with zero transfer time offers guaranteed uptime and compatibility with all types of equipments.



## TECHNICAL SPECIFICATIONS

| MODELS                      | UPS-6K VA - 10KVA                                                            |
|-----------------------------|------------------------------------------------------------------------------|
| <b>POWER</b>                |                                                                              |
| Capacity                    | 4800W - 8000W                                                                |
| <b>INPUT</b>                |                                                                              |
| Input Voltage               | 220VAC, Single Phase with Ground                                             |
| Input Voltage Range         | 165VAC-275VAC                                                                |
| Input Frequency             | 50Hz                                                                         |
| Input Frequency Range       | 46Hz - 54Hz                                                                  |
| <b>OUTPUT</b>               |                                                                              |
| Voltage on Mains            | 220VAC / 230VAC $\pm$ 2%                                                     |
| Frequency                   | Synchronized 46-54Hz (Line Mode) 50Hz $\pm$ 0.1% (Battery Mode)              |
| Waveform                    | Pure Sine Wave                                                               |
| Distortion                  | <2% for Linear Load; <5% for Non Linear Load                                 |
| Power Factor                | 0.8                                                                          |
| Crest Factor                | 3:1                                                                          |
| <b>BATTERIES</b>            |                                                                              |
| Type                        | External Battery Bank                                                        |
| DC Voltage                  | 192VDC                                                                       |
| Recharging Time             | 8 Hours to 90% of full capacity after full load discharge                    |
| Charger Type                | Constant Voltage & Current                                                   |
| <b>EFFICIENCY</b>           |                                                                              |
| Overall                     | > 85%                                                                        |
| Inverter                    | > 92%                                                                        |
| <b>PROTECTIONS</b>          |                                                                              |
| Mains                       | I/P Under & Over Voltage cut-off                                             |
| Inverter                    | Output Overload/Short-circuit/Output Under Voltage/Battery Low               |
| <b>ALARMS &amp; DISPLAY</b> |                                                                              |
| Audible Alarm               | Battery Mode, Battery Low, Overload, Fault                                   |
| LCD Display                 | I/P & O/P Voltage/Load Level/Battery Level/Battery Mode/AC Mode/Bypass/Fault |
| <b>ENVIRONMENTAL</b>        |                                                                              |
| Ambient Operation           | 20%-90% Non Condensing, 0-40 deg C                                           |
| Audible Noise               | <60 dBA (1 mts from surface)                                                 |
| <b>PHYSICAL</b>             |                                                                              |
| Input Line                  | 1.5 mts. Line Cord                                                           |
| MCB's                       | Battery / Input                                                              |
| Cooling                     | Forced Air                                                                   |
| <b>MECHANICAL</b>           |                                                                              |
| Dimension (LxWxH)(mm)       | 560x260x717                                                                  |
| Net Weight (w/o battery)    | 22 kgs                                                                       |

\* Specifications are subject to change without notice.



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