

## EC Series

**EC1000** - 1PH/1PH, 1KVA-10KVA

**ECR1000** - 1PH/1PH, 1KVA-3KVA, FOR 19" RACK/TOWER MOUNTING

**EC3000** - 3PH/3PH, 10KVA-80KVA

### Advanced technology, optimal power performances

Single-phase or three-phase high performances on-line UPS units, specifically designed for small and medium-sized enterprises and applications.

EC UPS is a compact solution, ready to use, designed for an easy installation and maintenance, and the batteries can be easily replaced by the user. All the models are provided with the "ECO-mode" feature, guaranteeing low operating costs and environmental impacts (efficiency 96-98%).

EC series ensures the protection of network equipment, servers, datacenters, safety and emergency lighting systems.



ECR1000, for 19" rack/tower mounting

### EC1000 and ECR1000 main features

- On-line double conversion UPS
- EC1000 output power: 1, 2, 3, 6, 10 kVA
- ECR1000 output power: 1, 2, 3 kVA
- Input 1Ph, Output 1Ph
- Input power factor 0.99, output power factor 0.9
- Emergency power off "EPO" function
- Short procurement and supply times
- UPS classification as per IEC62040-3: VFI-SS-111



EC1000, front view

### EC3000 main features

- On-line double conversion UPS
- Output power: 10, 20, 30, 40, 60, 80 kVA
- Input 3Ph, Output 3Ph
- Dual input (mains and emergency line)
- Manual bypass included for easy maintenance
- Input power factor 0.99, output power factor 1
- Parallel configurations: up to 3 units
- High overload capacity: 110% for 60 min, 150% for 1 min
- Emergency power off "EPO" function
- Short procurement and supply times
- UPS classification as per IEC62040-3: VFI-SS-111

- Dual input
- Manual bypass
- Up to 80kVA



EC1000, rear view

# ELECTA

3PH/1PH, 10KVA-20KVA

3PH/3PH, 10KVA-200KVA

## High-power density, maximum efficiency and flexibility

Transformer-less on-line double conversion UPS, featuring a compact design, small footprint and optimized energy savings. The ELECTA series has been engineered for the protection of IT systems, medium and large datacenters, hospitals and critical systems in general, where the risks associated to a poor power supply may have a serious impact on business and service continuity.

### ELECTA main features

- On-line double conversion UPS
- Input 3Ph, Output 1Ph, output power 10kVA-20kVA
- Input 3Ph, Output 3Ph, output power 10kVA-200kVA
- Input power factor 0.99, output power factor 0.9
- Transformer-less for low overall dimensions and high efficiency
- IGBT-based rectifier and inverter module
- Hot parallel configuration: up to 8 units
- Designed for all types of batteries: lead acid AGM, Gel, NiCd, etc.
- UPS classification as per IEC62040-3: VFI-SS-111



ELECTA, front view

- Transformer-less
- IGBT-based rectifier

# VEGA Series

VEGA 3PH/1PH, 10KVA-100KVA

VEGA 3PH/3PH, 10KVA-200KVA

VEGA HP 3PH/3PH, 100KVA-600KVA

## Top power supply protection and reliability

VEGA series guarantees the maximum power-supply protection and output voltage quality for any type of load, especially for mission critical applications, industrial processes, electro-medical systems, IT security and servers, telecommunications.

### VEGA main features

- On-line double conversion UPS
- VEGA: Input 3Ph, Output 1Ph, 10kVA-100kVA or Input 3Ph, Output 3Ph, 10kVA-200kVA
- VEGA HP: Input 3Ph, Output 1Ph, 100kVA-600kVA
- Input power factor 0.99, output power factor 0.9
- Rectifier module: SCR-based (VEGA), IGBT-based (VEGA HP)
- IGBT-based inverter module
- Output isolation transformer
- Solid design and high reliability
- Hot parallel configuration: up to 8 units
- Designed for all types of batteries: lead acid AGM, Gel, NiCd, etc.
- UPS classification as per IEC62040-3: VFI-SS-111



VEGA HP, front view

- Output isolation transformer
- SCR-based rectifier (VEGA)
- IGBT-based rectifier (VEGA HP)

## About us

Founded in Italy in 1973, LEVER is a Manufacturer of emergency power solutions for critical applications: industrial AC UPS, DC UPS/DC Chargers, DC/AC inverters, distribution boards. Our products are specifically designed to ensure maximum power availability in the most demanding sectors (e.g. Oil&Gas, Utilities, Industrial) according to the Client's Technical Specifications. Furthermore, we offer a comprehensive portfolio of services: technical support, start-up and commissioning, on-site after sales services, technical trainings and courses. LEVER is approved by the most reputed Oil&Gas and Utilities Companies in Italy and Middle East.



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