

AETES

Online UPS 1000VA-3000VA

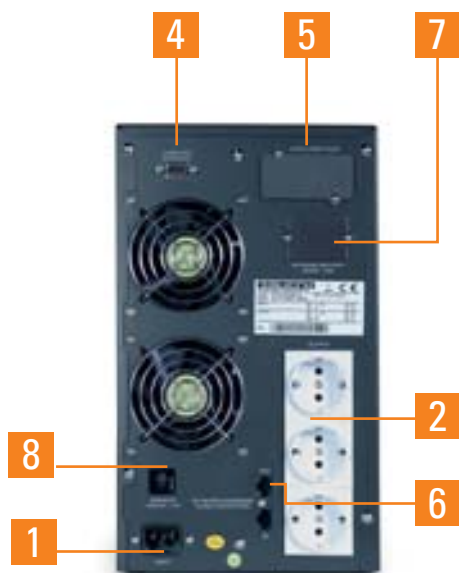
Double Conversion Technology
Possibility of extended back up times
High quality long life internal batteries



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BACK PANEL

1. AC input.
2. AC output.
4. RS-232 interface.
5. Intelligent slot (SNMP, USB, AS-400).
6. Data line protection RJ-11/RJ-45.
7. Battery module connection.
8. Input protection.



▶ 2 kVA tower model

COMMUNICATIONS

- ▶ RS-232 interface.
- ▶ Monitoring software.
- ▶ SNMP / Web adapter. (1)
- ▶ AS-400 card. (1)
- ▶ USB port card. (1)
- ▶ MODBUS protocol. (1)

(1) Optional

DESCRIPTION

The LCD series of AETES has been designed to contribute with the needed flexibility to medium UPS power rates, because it's where is indispensable to combine a protection of first magnitude with the capacity of adaptation to different applications.

The losses of information in the computer environments are originated in 45% by problems in the electrical power supply, without taking care about the losses in productivity due to the inactivity and to the resources needed to restore the originated damages. All the processes that require a reliable, safe, continuous and quality power supply need to be protected and fed by UPS from LCD series of AETES.

Specially designed to protect departmental networks, workstations and their associate peripherals, servers, telecom, industrial processes and medical equipments.

Soft Start, inaudible switching operating frequency at 20 kHz, power factor > 0,98 and output accuracy better than 1%.

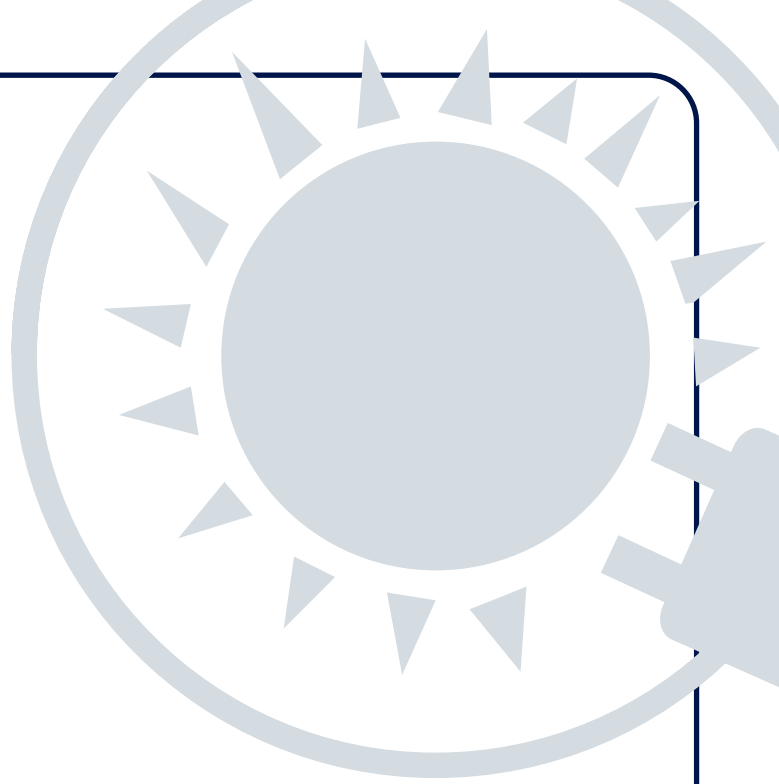
ADAPTABILITY

- ▶ Extended back up times. (1)

GENERAL SPECIFICATION

MODEL	LCD-1000VA-XL	LCD-2000VA-XL	LCD-3000VA-XL
Topology	True On-Line, Double Conversion		
On-battery Output Waveform	True Sine Wave		
Maximum Capacity	1000VA / 800W	2000VA / 1600W	3000VA / 2400W
INPUT			
AC Input Type	Single Phase (P+N+G)		
Nominal Input Voltage	208/ 220/ 230/ 240 VAC		
Input Voltage Range	112V... 286V AC		
Nominal Input Frequency	50Hz / 60Hz (Auto Sensing)		
Input Frequency Range	46...64 Hz		
Input PFC	>0.98 @Full load		
OUTPUT			
Nominal Output Voltage	208/ 230/ 230/ 240 VAC (Selectable)		
Output Voltage Regulation	Rated Voltage +/-1%		
Output T.H.D	<3% THD at Linear Load		
Efficiency AC to AC (Eco Mode)	<85%		
Crest Factor	3 : 1		
Start on Battery	Yes		
Auto Restart	Yes		
Number of Outlets	IEC Schuko x2	IEC Schuko x3	IEC Schuko x3
PROTECTION			
Surge Protection	Input Power Line and External Data Line Protection		
Overload Protection	130% Load for 60sec 150% of 30sec (Batt. Mode; 130% Load for 10sec)		
Short Circuit Protection	UPS output cut off immediately		
BATTERY			
Internal Battery Set	AETES 12V33.8W x3	AETES 12V33.8W x8	AETES 12V33.8W x8
Typical Backup Time (Full / Half load)*	10/ 25 min	12/ 30 min	8/ 20 min
Recharge Time to 90% (Typical)	<7 Hours		
DIAGNOSTICS			
Front Panel LCD and LEDs	AC mode / On line / On battery / Bypass / Fault / Overload and other parameters		
Audible Alarms	Battery Mode / UPS Faults / Overload		
COMMUNICATION			
Communication Port	Standard; RS232 (Optional; USB-B or AS400 or Dry Contact Module)		
SNMP Network Management Module	Optional		
ENVIRONMENTAL			
Operation Temperature	0~40°C		
Storage Temperature	-20~70°C		
Relative Humidity	0~95% humidity, non-condensing		
Audible Noise	< 50dBA (at 1 meter from surface of unit)		
COMPATIBILITY			
Safety	IEC/EN 62040-1-1		
EMI	IEC/EN 62040-2 /Class A		
PHYSICAL			
Dimensions (WxDxH) (mm)	400×145×220	460×192×340	460×192×340
Weight (Net / Gross) (kg)	14.0/ 16.0	31.0/ 32.0	33.0 / 34.0
WARRANTY			
AETES Warranty Certificate	3-Year		

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