

Use

Personal Computer, Workstation,
Video surveillance systems

Protection

- Blackout
- Dynamic Undervoltage
- Dynamic Overvoltage
- Undervoltage
- Overvoltage

Main specification

- LCD Display
- Automatic Voltage Regulation circuit (AVR)
- Output socket for blackout protection
- Output sockets for overvoltage protection
- Reduced weight and dimensions
- Low noisiness
- Easy installation
- UPS management software UPSILON 2000 (compatible with WINDOWS, UNIX, LINUX, etc.)
- Telephone/modem protection by RJ11 plug



Details



- 1 - On/off switch
- 2 - LCD display
- 3 - Input socket
- 4 - Input fuse
- 5 - Output socket for blackout protection
- 6 - Output sockets for overvoltage protection
- 7 - RJ11 plug
- 8 - USB port



The Era LCD UPS are designed with the innovative Eco Power System which permits to reduce consumption and increase the battery charge efficiency. This way the UPS functions are completely operated through the microprocessor using up to 50% less energy respect to traditional battery chargers.



UPS ERA LCD

0.65-0.85-1.1

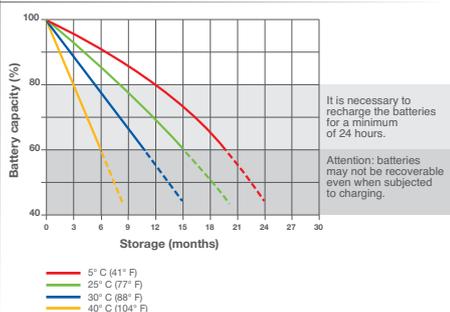
LINE INTERACTIVE

Caratteristiche Tecniche

UPS Model	ERA LCD 0.65	ERA LCD 0.85	ERA LCD 1.1
Code	FGCERALCD0K65	FGCERALCD0K85	FGCERALCD1K1
Nominal power	650 VA	850 VA	1100 VA
Active power	455 W	595 W	770 W
Power factor		0.7	
Technology		Line Interactive with stabilizer	
Cooling		Natural	
Audible noise		< 40 dBA at 1 m	
Dimension (UPS) WxHxD		14x12x28 cm	
Dimension (with packing) WxHxD		19x21x34 cm	
Weight	5,5 Kg	6,0 Kg	6,5 Kg
Equipped with		2 output cables (IEC type)	
Input			
Number of phases		1ph+N	
Nominal voltage		Single-phase 230Vac	
Input voltage range		+20%/-25%	
Nominal frequency		50/60 Hz (automatic selection)	
Input frequency range		+/-5%	
Output			
Number of phases		1ph+N	
Nominal voltage		Single-phase 230Vac	
Voltage regulation (Line mode)		AVR (Automatic Voltage Regulation)	
Voltage regulation (Battery mode)		+/-5%	
Frequency		50/60 Hz (automatic selection)	
Inverter waveform		Modified sinewave	
Overload capability		< 130%	
Transfer time		2 ms (typical)	
Outlets		2 UPS outputs (IEC 320 - C13 type) + 1 only filtered output (IEC 320 - C13 type)	
Battery			
Type		Lead acid, sealed, maintenance free	
Batteries num ber		1 (internal)	
Battery charge time (typical)		4 hours	
Nominal battery voltage		12Vdc	
Battery specification	12Vdc - 4.5Ah	12Vdc - 7.2Ah	12Vdc - 9Ah
Backup time (typical)		10 min	
Interfacing			
Interface (communication ports)		USB	
Software		UPSILON 2000, upgradeable free from www.tecnoware.com (compatible with WINDOWS, UNIX, LINUX, ecc.)	
Telephone/modem line protection		RJ11 plug	
Environmental specification			
Storage temperature		From -15 to 40 °C (for UPS with battery inside, see "UPS (with batteries) storage" graphic)	
Working temperature		From 0 to 40 °C (recommended from 20 to 25 °C, for longer battery life see "UPS Battery life in operating conditions" graphic)	
Humidity		< 95% without condensation	
Maximum altitude		3000 m	
IP protection		IP20	
Certifications		CE (Standards: Low Voltage Directive IEC EN 62040-1; EMC Directive IEC EN 62040-2; classification IEC EN 62040-3)	
Warranty			
Standard		24 months electronic parts and 24 months batteries	
Extensions		Optional	

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UPS (with batteries) storage



UPS Battery life in operating conditions

The higher is the temperature of the environment in which the UPS works, the shorter is the battery life.

