

### Use

Personal Computer, Workstation,  
Local Area Networks (LAN),  
Video surveillance systems

### Protection

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

### Main specification

- LCD Display
- Automatic Voltage Regulation circuit (AVR)
- Hot Swap batteries
- 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/RJ45 plug



~~REFURBISHED COMPONENTS~~



### 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/RJ45 plug
- 8 - USB port
- 9 - RS232 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.

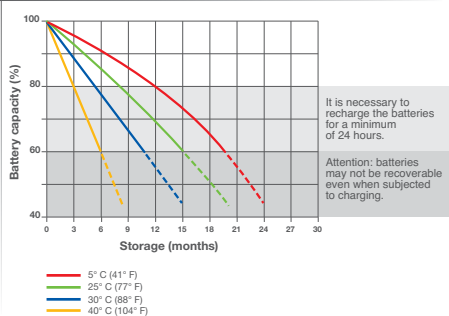


### Specification

UPS Model	ERA LCD 1.5	ERA LCD 2.0	ERA LCD 2.6
Code	FGCERALCD1K5	FGCERALCD2K0	FGCERALCD2K6
Nominal power	1500 VA	2000 VA	2600 VA
Active power	1050 W	1400 W	1820 W
Power factor	0.7		
Technology	Line Interactive with stabilizer		
Cooling	Fan cooling		
Audible noise	< 45 dBA at 1 m		
Dimension (UPS) WxHxD	14,5x20x38 cm		
Dimension (with packing) WxHxD	23x28,5x49,5 cm		
Weight	13,8 Kg	14,2 Kg	16 Kg
Equipped with	2 output cables (IEC type)		
<b>Input</b>			
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%		
<b>Output</b>			
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	4 UPS outputs (IEC 320 - C13 type) + 2 only filtered output (IEC 320 - C13 type)		
<b>Battery</b>			
Type	Lead acid, sealed, maintenance free		
Batteries number	2 (internal)		
Battery charge time (typical)	4 hours		
Nominal battery voltage	24Vdc		
Battery specification	12Vdc - 7Ah	12Vdc - 9Ah	
Backup time (typical)	10 min		8 min
Interface (communication ports)	RS232 and USB		
Software	UPSILON 2000, upgradeable free from <a href="http://www.tecnoware.com">www.tecnoware.com</a> (compatible with WINDOWS, UNIX, LINUX, ecc.)		
Telephone/modem line protection	RJ11/RJ45 plug		
<b>Environmental specification</b>			
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)		
<b>Warranty</b>			
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.

