

Use

Small server, Local Area Networks (LAN), Switch, HUB, video surveillance systems

Protection

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

Main specification

- LCD Display
- Automatic Voltage Regulation circuit (AVR)
- 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
- RS232 and USB communication port
- Mounting in Rack cabinet 19"

**Details**

- 1 - LCD
- 2 - On/Off button
- 3 - Output socket with blackout protection
- 4 - Input socket
- 5 - RJ11 port
- 6 - USB port
- 7 - RS232 port



The Era LCD RM 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.

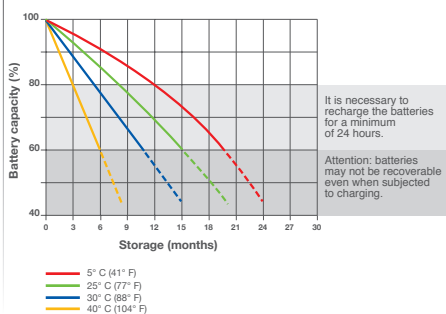
Specification

UPS Model	ERA LCD 0.65 RACK MOUNT	ERA LCD 0.85 RACK MOUNT	ERA LCD 1.1 RACK MOUNT
Code	FGCERALCD0K65RM	FGCERALCD0K85RM	FGCERALCD1K1RM
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		43,8x8,8x31 cm (2U)	
Dimension (with packing) WxHxD		52x19,5x40,5 cm	
Weight	5,5 Kg	6,0 Kg	6,5 Kg
Equipped with		2 output cables (IEC type) and 1 power supply cable	
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		4 UPS outputs (IEC 320 - C13 type)	
Battery			
Type		Lead acid, sealed, maintenance free	
Batteries number		1 (internal)	
Battery charge time (typical)		4 hours	
Nominal battery voltage		12Vdc	
Battery specification	12Vdc - 7Ah		12Vdc - 8Ah
Backup time (typical)		10 min	
Interfacing			
Interface (communication ports)		RS232 and 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 (reccomended 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	

Accessories

Model	Code
External SNMP for single phase UPS	FGCNETAG2
Installation kit Rack UPS	FGCKITEVORT

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.

