

## Use

Personal Computer

## Protection

- Blackout
- Dynamic Undervoltage
- Dynamic Overvoltage

## Main Specifications

- Output sockets with blackout protection
- Reduced weight and dimensions
- Low noisiness
- Easy installation



## Details



- 1 - On/off switch
- 2 - Led line/battery
- 3 - Led fault



- 4 - Output sockets
- 5 - Input fuse
- 6 - AC input cable



The Eco 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 ECO

## 0.50-0.70-0.90-1.1-1.3

EASY INTERACTIVE

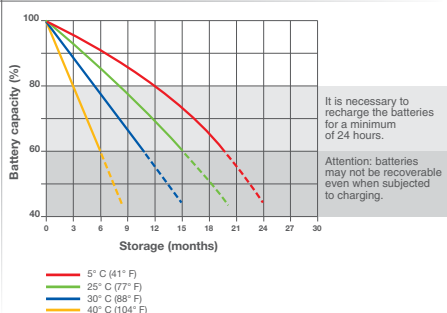
### Specifications

UPS Model	ECO 0.50	ECO 0.70	ECO 0.90	ECO 1.1	ECO 1.3
Code	FGCECO502	FGCECO702	FGCECO902	FGCECO1102	FGCECO1302
Nominal power	500 VA	700 VA	900 VA	1.100 VA	1.300 VA
Active power	300 W	420 W	540 W	660 W	780 W
Power factor	0,6				
Technology	Easy Interactive				
Cooling	Natural				
Audible noise	< 40 dBA at 1 m				
Dimension (UPS) WxHxD	20,7x8,3x22,8 cm				
Dimension (with packing) WxHxD	28x12x29,5 cm				
Equipped with	AC input cable with Shuko 16A plug				
Weight	2,5 Kg	2,6 Kg	3,5 Kg	3,6 Kg	4,0 Kg
Input					
Number of phases	1Ph+N				
Nominal voltage	Single-phase 230Vac				
Input voltage range	+/-20%				
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)	As input				
Voltage regulation (battery mode)	+/-5%				
Frequency	50/60 Hz (automatic selection)				
Inverter waveform	Modified sinewave				
Overload capability	< 130%				
Transfer time	2-4 ms (typical)				
Outlets	2 Schuko/Italia 10A 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 - 4,5Ah	12Vdc - 5Ah	12Vdc - 7,2Ah	12Vdc - 9Ah	
Backup time (typical)	10 min				
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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Available on request with input/output nominal voltage 110Vac or 120Vac and with input plug and output sockets for specific country.

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.

