

## DOMESTIC USE

### EBRO SERIES

#### Line interactive UPS 600/800 VA



#### Description



The UPS Ebro 650/850 combines design, versatility and easy operation, offering 4 sockets, two UPS mode and two lightning arresters, and 2 UPS mode IEC sockets. Includes two communications ports, USB and RJ11 for tel/fax/modem protection.

With its line interactive technology and built-in voltage regulator, the Ebro 650/850 can protect against overvoltages, stabilise micro power cuts and provides back-up in the case of power failures. This technology allows for optimum operation of the UPS as well as the efficient use of the battery, prolonging its service life.

Moreover, the Ebro 650/850 allows you to protect your data in the case of a prolonged power failure. Its monitoring software Upsilon 2000, permits to save the files it's working on as well as the programmable shutdown.



Ebro 650

Ebro 850



Ebro 650



Ebro 850



- ① 2 sockets with backup
- ② 2 sockets without backup
- ③ 2 IEC sockets with backup
- ④ Telephone line Input/Output
- ⑤ Communications port
- ⑥ Breaker

#### Features

- > Line interactive technology
- > 4 sockets, 2 UPS modes and lightning arrester modes
- > 2 IEC sockets, UPS mode
- > EMI/RFI filters
- > RJ11, Tel/Fax/Modem Protection
- > Communications port USB (650) / RS232 with USB adaptor (850)
- > Cables and software included
- > Easy access to connection sockets
- > Uninterrupted power: protects your data by supplying battery power in the case of a mains failure
- > Microprocessor control: the circuits of the UPS are managed by a microprocessor that reduces the size of the UPS and increases its reliability
- > Visual alarms: led (650 model), LCD screen (850 model) and acoustics in the case of a mains failure
- > High-quality battery: the air-tight, maintenance-free lead battery ensures long service life to improve economy of operation
- > Automatic detection: when the UPS is turned on, it automatically inspects the battery capacity
- > Protection against overvoltages: protects equipment connected to the UPS in the case of mains overvoltages
- > Automatic charging: the UPS charges the battery whenever this is connected to the mains electricity and is on
- > Automatic restart if the mains return occurs before 4 minutes
- > 2 years warranty batteries included

domestic use

network

data centers

medicine

telecommunications

security

industrial



NON - STOP POWER

ZIGOR

GENERAL SPECIFICATIONS		
Model	Ebro 650	Ebro 850
Reference	018595	018596
Power	600 VA/ 360 W	850 VA/500 W
Topology	Line interactive	Line interactive with AVR
INPUT		
Voltage range	90-140 Vac 175-265 Vac	90-140 Vac 165-275 Vac
Nominal voltage	110/120/220/230/240 Vac	
Frequency	50/60Hz $\pm 5\%$	
Maximum current input	3.2A (in bypass)	3.8A ( in bypass)
Nominal voltage output	110/120/220/230/240 Vac	
OUTPUT		
Maximum current output	2.7A	3.9 A
Voltage (normal mode)	90-140 Vac $\pm 3\%$ 175 Vac $\pm 3\%$	110/120/220/230/240 Vac + 10% - 15%
Voltage (battery mode)	110/120/220/230/240 Vac $\pm 10\%$	
Wave form	Synchronised (sinusoidal wave)	
Output frequency (battery mode)	50/60Hz $\pm 0.5$	
Overload capacity	110-120% (60 seconds)	
Power factor	0.6	
Transfer time	<10 ms.	
BATTERIES & BACKUP TIME		
Standard battery	Maintenance-free, lead battery with anti-leak seal, VRLA type	
Battery module included	1x12 VDC/7.2 Ah	1x12 VDC/9Ah
Backup time	Up to 10 minutes depending on the load	
Charging time	<12 hours (90%)	
INDICATORS		
Luminous	Leds: Normal Mains, Battery Mode, Overload/ Failure	Display: Output voltmeter, battery level, normal mains, battery mode, overload/failure
Acoustic	Battery mode, overload/shortcircuit. Buzzer for 60 seconds	
COMMUNICATIONS PORT		
Control software	UPSilon2000	
Communications	USB port	RS232 with USB adapter
Start-up from battery	Yes	
PROTECTION		
Protection	High voltage, low voltage, overvoltages, spikes	
Protection against overload	Yes	
Protection against low battery voltage	Yes	
Protection against output short-circuits	Automatic output cut-off, continuous buzzer	
Tel/Fax/Modem jack	Yes	
STANDARDS		
Marks	CE	
Directives	EN 62040-1-1: 2003 (73/23/CEE-93/68/CEE)	
European directive on electromagnetic compatibility	EN 62040-2: 2005	EN 50091-2: 1995 EN 61000-3-2: 2003 EN 61000-3-3: 1995 + A1: 2001
OTHERS		
Operation temperature	0°C to 40°C	
Storage temperature	-15°C to 45°C	
Relative humidity	10% - 95% without condensation	
Dimensions WxHxD (mm)	110x515x91	110x295x225
Weight (Kg)	6.0	7.3
SOCKETS		
4 sockets	2 UPS mode / 2 lightning arrester mode	
2 IEC sockets	UPS mode	

*These specifications may be changed without notice*

#### Easy battery replacement:

The Ebro 650/850 models, include a "gate" for easy battery replacement without needing to have access inside the unit.