

EBRO 650

UPS for domestic use

Designer UPS with a capacity of 600VA/360 Watt, specially designed to protect the latest generation of computers and electronic audio-video devices. The new Ebro line offers a hybrid solution of sockets and IEC sockets to back up any connectable electronic devices.

TECHNICAL DESCRIPTION

The Ebro 650 combines design, versatility and easy operation, offering 4 sockets, 2 UPS mode and 2 lightning arresters, and 2 UPS mode IEC sockets.

Includes 2 communications ports, USB and RJ11 for tel/fax/modem protection.

With its IN-LINE technology and built-in voltage regulator, the Ebro 650 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 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.

GENERAL TECHNICAL FEATURES

- 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 Led alarms: the status of the UPS is shown in the unit.
- Acoustic alarm: the device warns you when it is running on battery, if the battery is low or the UPS is in overload.
- 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.



ADVANTAGES

- IN-LINE technology
- Microprocessor control
- Self-diagnosis function
- 4 sockets, 2 UPS modes and 2 lightning arrester modes
- 2 IEC sockets, UPS mode
- Visual Led and acoustic alarms in the case of mains failure
- EMI/RFI filters
- RJ11, Tel/Fax/Modem Protection
- Communications port USB
- Cables and software included
- Easy access to connection sockets
- Up to 20 min of battery power



APPLICATIONS

- Computers
- Servers
- Communications centres
- Telecom devices: Switch, Routers
- Other electrical devices with sockets

EBRO 650 Model		
Backup power	600VA/ 360W	
Topology	Interactive line	
Technology	IN-LINE	
Input	Voltage	90VAC-140VAC ±3% / 175VAC-265V ac±3%
	Nominal voltage	110/120VAC / 220/230/240VAC
	Frequency	50/60Hz ±5%
	Maximum current input	6.5A (in by-pass)
	Nominal voltage output	110/120Vac 220/230/240Vac
Output	Maximum current output	2.4A
	Voltage (normal mode)	90VAC-140V ac ±3% / 175Vac-265V ac±3%
	Voltage (battery mode)	110/220V ac / 220/230/240V ac ±10% (square)
	Output frequency (normal mode)	Synchronised (sinusoidal wave)
	Output frequency (battery mode)	50/60Hz ±0.5
	Overload capacity	110-120%(60 seconds)
	Wave form (battery mode)	Square
	Power factor	0.6
Transfer time	<10 mS	
Batteries and stand-alone capacity	Standard battery	Air-tight, maintenance-free, lead battery with anti-leak seal
	Battery module included	1 X 12VDC/7.0Ah
	Autonomy	Full load: 2.5 minutes
		Medium load: 6 minutes
Charging time	<12 hours(90%)	
Indicators	Luminous	Normal Mains, Battery Mode, Overload/ Failure
Acoustic alarm	Acoustic	Unusual AC voltage/ Low battery voltage/ Overload/ Short-circuit/ PCB failure Buzzer for 60 seconds
Communications port	Control software	UPSlion2000
		Port USB
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
Certificates		CE
Other	Operating temperature	-5 a 40°C
	Storage temperature	-15°C ~ 45°C
	Relative humidity	10% - 95% RH without condensation
	Dimensions (mm)	91x110x515
	Weight (kg)/ lbs	6.0/ 13,2
Sockets	4 sockets	2 UPS mode
		2 lightning arrester mode
	2 IEC sockets	UPS mode

These specifications may be changed without notice



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