

ME  
ME



#### Line-interactive

400, 500, 600, 650, 800, 1000, 1500VA

The ME series offers as a succession model of the proven MI series reliable protection before current failures.

It was technically optimised and delivers optimum protection and improved communication possibilities for the electronic data processing with its digital circuit.

As a reasonable line-interactive model it is suitably for the application on pc's, workstations and network components.

#### Features

- UPS-Classification VI-SY-333 in accordance with IEC 62040-3
- Line-interactive technology
- Microprocessor-based regulation
- Automatic frequency synchronization
- Overload & Short Circuit protection
- RS-232, and SNMP via optional adapter
- optionally USB port
- Managementsoftware for Windows '95, '98, 2000, 2003 Server, XP, NT, Novell, Unix
- 24 months' warranty



Rear view of ME 1000/1500



Rear view of ME 400-800VA Models with USB



Rear view of ME 400-800VA Models with RS232

# Specifications

Model		ME 400	ME 500	ME 600	ME 650	ME 800	ME 1000	ME 1500	
Input	Voltage (VAC)	170-280VAC							
	Frequency (Hz)	50/60Hz							
	Synchronous zone	45-65Hz							
Output (AC-Mode)	AVR Regulation	Boost +13% Buck -13%							
	Voltage	230VAC							
Output (INV.mode)	Voltage	+/-15%			+/-10%		+/-15%		
	Frequency	50/60Hz±1%							
	Waveform	Modified sinewave							
	Capacity (VA/W)	400/225	500/250	600/300	650/375	800/425	1000/600	1500/900	
	Transfer time (ms)	Typical 2-6ms						Typical 4ms	
Battery	Autonomy at full load in min.	6	6	4	4	3	5	4	
	Voltage	12VDC	12VDC	12VDC	12VDC	12VDC	24VDC	24VDC	
	Type	Maintenance free lead acid							
	Capacity	7 Ah	7 Ah	7 Ah	7 Ah	9.5 Ah	7 Ah	9.5 Ah	
	Quantity	1	1	1	1	1	2	2	
	Recharging time	8 hours to 90%						6-8 hours to 90%	
DC start		Yes							
Self diagnostics		Upon power-on or software control							
Indicator	LED	2 LEDs (AC mode, battery mode, fault)					4 LEDs: line, backup, fault, overload		
	Overload	AC mode	Buzzer warning and fuse will open				Continuous buzzer warning		
Protection		INVmode	Buzzer warning and UPS-shutdown				>100% continuous warning >110% UPS shut off after 10s		
	Short circuit	AC mode: input fuse and electronic circuit, Inv. Mode: electronic circuit							
	Noise suppression	EN50091-2							
	Spike suppression	-					EN61000-4-5		
	Battery over-drain	Battery low warning and UPS shut off							
	Modem / network	RJ45							
Alarm	Audible	Line failure, battery low					Line failure, battery low, overload/fault		
	Dimensions (WxHxD)	171x95x357mm							
Physical	Net weight	5.4kgs	5.8kgs	5.8kgs	5.8kgs	6.4kgs	10.6kgs	10.2kgs	
	Outlet (IEC)	3	3	3	3	3	6	6	
	Operation temp.	0-40°C							
Environmental	Operation humidity	0-90% (non condensing)					0-95% (non condensing)		
Communication	Interface type	RS232 SUB D 9 / optionally USB							
Safety conformance	Safety standard	EN50091-1							
	EMC / surge standard	EN50091-2, EN61000-3-2, EN61000-3-3							
	Mark	CE							