

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, NT, XP, Vista (Business and higher), 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%							
Output (INV.mode)	Voltage		230VAC							
			+/-15%				+/-10%	+/-15%		
	Frequency		50/60Hz±1%							
	Waveform		Modified sinewave							
	Capacity (VA/W)		400/225	500/250	600/300	650/325	800/425	1000/600	1500/900	
	Transfer time (ms)		Typical 2-6ms						Typical 4ms	
	Autonomy at full load in min.		6	6	4	4	3	5	4	
Battery	Voltage		12VDC	12VDC	12VDC	12VDC	12VDC	24VDC	24VDC	
	Type		Maintenance free lead acid							
	Capacity		5Ah	7Ah	7Ah	7Ah	9.5Ah	7Ah	9.5Ah	
	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	
Protection	Overload	AC mode	Buzzer warning and fuse will open						Continuous buzzer warning	
		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, over-load/fault	
Physical	Dimensions (HxWxD)		71x95x357mm						234x147x375mm	
	Net weight		5.4kgs	5.8kgs	5.8kgs	5.8kgs	6.4kgs	10.6kgs	14.2kgs	
	Outlet (IEC)		3	3	3	3	3	6	6	
Environmental	Operation temp.		0-40°C							
	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							