

The **MI** is an advanced and favourable Line-Interactive-System, which protects sensitive equipment from a variety of power problems, such as blackout, brownout, sags, surges, voltage transient and frequency variation.



- Automatic Voltage Regulation (AVR)
- Microprocessor based design
- Intelligent Boost and Buck
- Sensor for temperature
- Automatic frequency synchronisation
- RS-232, communication and SNMP via Adapter
- Managementsoftware for Windows , '95, '98, 2000, NT, Novell, Unix
- 24 months warranty

Type	MI 400	MI 600	MI 1200
Output			
Power VA/Watt	400/240	600/360	1200/720
Max current 230 V in Ampere	1.7	2.6	5.3
Sockets	2 x nema socket	2 x nema socket	3 x nema socket
Output voltage	230 V ± 10%		
Frequency	50/60 Hz autom.		
Waveform	Stepwave		
Transfer time	< 4 msec.		
Input			
Voltage	170-280 VAC (230 VAC)		
Frequency	45-65 Hz		
Boost (+13%)	Yes		
Buck (-13%)	Yes		
Battery			
Full load	10 min	10 min	10 min
DC-Voltage	12 VDC	12 VDC	24 VDC
Accumulators	4,5 Ah-12V	7 Ah-12V	
Type	Lead acid maintenance free (VRLA)		
Recharge time	8-10 hours up to 90%		
Test	Automatic or test key		
Efficiency AC-AC	>93%		
DC-Start-Up (Black-Start)	Yes		
Auto-Restart	Yes		
Audible noise	< 35dA(A) in 1 m distance (depends on load and temperature)		
Display			
LED (UPS-Status)	Normal, Backup, Line, Bat, Fault		
Acoustic alert	Yes		
Protection			
Overload	Yes		
Lightning	ANSI/IEEE587 Cat.A		
EMC/LVD	EN50091-2, EN50091-1		
Certificates and tests	TÜV, GS, CE		
Communication	RS232 / opto-coupler (max. 24V/100 mA) / SNMP via Adapter		
Environment			
Temperature	0-40°C (UPS without battery)		
Humidity	0-95% (non-condensing)		
Mechanics			
Dimensions (WxHxD in mm)	127x98x280	168x110x280	168x110x355
Weight	6.2 kg	8.6 kg	13.1 kg



UPS-Management

The MI offers, with the joined UPS-Management-Software, extensive communication possibilities for example for Shutdown or Self-diagnosis.

The optional Powershut Plus is a Client-/Server-application for heterogenous networks and local workstations. It works with Windows 95/98/2000/NT, Novell, Linux and with all current Unix. The CD-ROM includes the SNMP-Agent for Windows NT and Novell.

The Remote Console Command Module (RCCMD) makes a shutdown call possible in any LAN or WAN, regardless of the network type or operating system (Multiserver-Shutdown).

The software shows (also grafically) all important UPS-datas like battery status, temperature, condition of mains. If disturbances occur, you can report them comfortably by e-mail, telephone or fax.