

MH is a modern solution with microprocessor, which works with an electronic bypass for very sensitive and critical handlings like server, workstations, measuring or industrial machines.



- Online-Double conversion
- Microprocessor controlled
- High efficiency (>90% DC/AC)
- Auto select input frequency
- Sinewave output
- Intelligent battery management
- RS-232, communication and SNMP via Adaptor
- Managementsoftware for Windows , '95, '98, 2000, NT, Novell, Unix
- Sensor for temperature
- Very silent
- 36 months warranty

Model	MH 700	MH 1000	MH 2000	MH 3000
Output				
Power VA/Watt	700/490	1000/700	2000/1400	3000/2100
Max current @ 230 V	3.0 A	4.3 A	8.7 A	13 A
Sockets	2 x three-core socket	2 x three-core socket	3 x three-core socket	3 x three-core socket
Voltage	230 V ± 2%			
Frequency	50/60 Hz ± 0,1% in backup mode			
Wave form	Pure Sinewave			
Input				
Voltage	160-275 VAC (230 VAC)			
Frequency	45-65 Hz			
Battery				
Full load	10 min	10 min	10 min	10 min
DC-Voltage	24 VDC	36 VDC	72 VDC	96 VDC
Accumulators	7 Ah-12V			
Type	Lead acid maintenance free (VRLA), expected lifetime 5 years @ 25°C			
Recharge time	8-10 hours up to 90%			
Test	Automatic or test key			
PFC	Yes			
Efficiency DC-AC	>90%			
DC-Start-Up (Black-Start)	Yes			
Auto-Restart	Yes			
Overload	110% of full load during 10-25 sec.			
Audible noise	< 40db(A) in 1 m distance (depends on load and temperature)			
LED-Display				
UPS-Status	LINE; BYPASS; INV; FAULT; BAT-LEVEL; LOAD-LEVEL; BAT.(MH 2000/3000)			
Load-Status	20%, 50%, 100%, OVERLOAD			
Audible alert	Yes			
Protection				
Overload	110% for 10-25 sec.			
Lightning	ANSI/IEEE587 Cat.A			
EMC/LVD	EN50091-2, EN50091-1			
Certificates and tests	TÜV, GS, CE			
Communication	RS-232 / opto-coupler (24 V, 100 mA) / SNMP via Adapter			
Environment				
Temperature	0-40°C (UPS without battery)			
Humidity	0-95% (non-condensing)			
Mechanical				
Dimensions (WxHxD in mm)	190x140x140	190x140x440	320x190x500	320x190x500
Weight	12.5 kg	15 kg	30 kg	37 kg



UPS-Management

The RS 232 interface of the MH 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 Winows 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.