

MID-series

Line-Interactive-UPS
400 - 2000 VA

Right hand picture
MID 600 and MID 1000



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EFFEKTA®'s MID was developed to protect your personal computer and its periphery against power failure. It's available with 400, 600, 800, 1000, 1400 and 2000VA.

The small size of this compact UPS are ideally suited for use at minimal space and the dressy design makes it to your perfect protection in offices or at home.

The state-of-the-art MID UPS will strongly increase the reliability of your consumer load.

Features & advantages

- UPS-classification VI-SY-333 in accordance with IEC 62040-3
- Line-interactive-technology
- Compact design
- User-friendly LCD-display
- Modified-sine wave output
- Microprocessor controlled
- Automatic frequency detection
- Equiped with USB port as standard
- Software-Suite „PowerShut“ for UPS Management in almost all current operating systems
- 12 months' warranty



Left hand picture:

Through the clear control panel with back lighted LCD display the user can watch all relevant data.



Left hand picture: Front view of MID 1000 / 1400 / 2000

Bottom picture: Front view of MID 400 / 600 / 800



Left hand picture: Rear view of MID 1000 / 1400 / 2000

Bottom picture: Rear view of MID 400 / 600 / 800



Specifications

Model		MID 400	MID 600	MID 800	MID 1000	MID 1400	MID 2000	
Power	Power in VA	400	600	800	1000	1400	2000	
	Power in W	240	360	480	600	840	1200	
Autonomy time	Typical PC load (1 PC, 1 Monitor 17", TFT)	7min	4min	11min	6min	14min	8min	
Input	Nominal input voltage	230VAC						
	Input voltage range	162~290VAC						
	Input frequency range	50~60Hz Auto-Sensing						
	Boost starting value / shut-off	210.5VAC ± 2% / 213.5VAC ± 2%						
	Buck starting value / shut-off	256.5VAC ± 2% / 250VAC ± 2%						
	Undervoltage warning value / all-clear	172VAC ± 2% / 177VAC ± 2%						
	Overvoltage warning value / all-clear	282VAC ± 2% / 275VAC ± 2%						
Output	Output voltage	220, 230, 240VAC						
	Voltage tolerance	Line Mode					Line-commutated	
		Battery Mode	± 10%				± 5%	
	Frequency tolerance	Line Mode	Line-commutated					
		Battery Mode	±0.1Hz					
	Power factor	0.6						
	Voltage form	Modified sine wave						
Efficiency	>80%							
DC start-up	black start	yes						
Switch time	typical	2-8msek.			4-8msek.			
Batterie	Nominal voltage	12VDC		24VDC		24VDC		
	Blocks x nominal capacity/block	1 x 12V 4.5Ah	1 x 12V 7Ah	1 x 12V 9Ah	2 x 12V 7Ah	2 x 12V 9Ah		
	Type	Maintenance free sealed lead-acid battery						
	Life time	5 years, optional 10 years						
	Recharge time to 90% after discharge	app. 8h			app. 10h		app. 5h	
Display	LCD	Input voltage, output voltage, mains, UPS status, load, battery capacity						
Audible alarm	Battery Mode	Beeping every 10 seconds						
	Battery Low	Beeping every second						
	Change batteries	Beeping every 2 seconds						
	Overload	Beeping every 0.5 seconds						
	Fault	Beep continuously						
Interface		Standard with USB-interface						
Environment	Temperature	0°C – 40°C						
	Humidity	0-90% non-condensing						
	Operating height	<2000 m above sea level						
	Acoustic Noise	<40dBA @ 1m					<45dBA @ 1 m	
Mechanic	Casing	Tower / plastic						
	Protection class	IP 20						
	Dimensions (H x W x D in mm)	140 x 100 x 330			205 x 145 x 405			
	Weight	5kg	6kg	6.5kg	9.6kg	9.7kg	9.8kg	
Terminals	Input	1 x IEC (10A)						
	Output	3 x IEC		4 x IEC				
	Miscellaneous terminals	Surge absorber for modem or telephone						
Safety/Enclosure	Standards	EN62040-1-1						
	EMC	EN62040-2						
	Norms	CE						