

MID-series

Line-Interactive-UPS

400 - 2000 VA

NEU / NEW

Right hand picture
MID 600 and MID 1000



Line-Interactive-UPS

400 - 2000 VA

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
- Equipped with USB port as standard
- Software-Suite „PowerShut“ for UPS Management in almost all current operating systems
- 24 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			145 x 205 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					