



Application:
Rack mounted server and other networking equipment

Control Panel



- 1 LCD
- 2 ON/OFF Button
- 3 Self-test/Silence Button
- 4 Scroll Button
- 5 Normal
- 6 Alarm
- 7 Abnormal

Tower



Rear Panel

- 1 RS232
- 2 Fan
- 3 Input breaker
- 4 Terminal block
- 5 SNMP slot
- 6 Parallel port
- 7 Battery socket
- 8 Maintenance switch
- 9 Active wheel



Rack mounted

Features:

- ⊙ High frequency and double conversion on-line
- ⊙ Fully digitized microprocessor control
- ⊙ Wide input voltage range
- ⊙ LCD display
- ⊙ Cold start
- ⊙ Parallel capacity
- ⊙ Advanced battery management
- ⊙ Automatic battery charge in UPS off mode
- ⊙ Lightning and surge protection
- ⊙ Short circuit and overload protection
- ⊙ Fan speed auto control when loads varies
- ⊙ Optional extension battery pack
- ⊙ EMI/RFI noise filter
- ⊙ Smart RS232 with monitoring software
- ⊙ Optional SNMP Card slot

Specifications:

Model		MID6000I	MID6000RM	MID10000I	MID10000RM
Power		6KVA/4.2KW		10KVA/7KW	
Input	Voltage Range	176±5VAC~276±5VAC			
	Frequency Range	46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing			
	Phase	Single phase			
	Power Factor	≥0.98			
Output	Voltage Range	220Vac±1%			
	Phase	Single phase			
	Frequency Range	50Hz/60Hz±0.2%(battery mode)			
	THD (linear load)	<2%			
	THD (non-linear load)	<6%			
	Overload Capability	105%~130%, 10min turn to bypass mode; >130% 1s turn to bypass mode			
	Crest Factor	3:1(max)			
	Short Circuit Protection	5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5 cycles turn off inverter, provide alarm (battery mode) input fuse blown or breaker action (bypass mode)			
	Waveform	pure sine wave			
	Transfer Time Between AC Mode and Battery Mode	0ms			
Transfer Time Between AC Mode and Bypass Mode	0ms				
Efficiency	≥88%				
Battery	Model	12V sealed lead acid maintenance free			
	DC Voltage	240VDC			
	Configuration	20×12V/7AH			
	Backup Time (half load)	20min	N/A	13min	N/A
	Backup Time (full load)	7min	N/A	5min	N/A
	Charge Current(long time unit)	1A			
	Charge Current(standard unit)	5A			
Recharge Time	90% capacity after 8 hrs charging				
Communication Interface		RS232 ; SNMP (optional)			
Parallel port		Parallel availability for redundancy and load sharing up to three units			
LCD Indication		1, Input voltage/frequency, battery voltage, output voltage/frequency, load watt/VA value and percent, inverter temperature 2, Operation mode such as "on line", "on batt", or "on bypass"			
LED Indication		1, Green LED for normal operation, 2, Yellow LED for warning condition 3, Red LED for abnormal operation			
Noise Level		<55dB			
Environment	Temperature	0~40℃			
	Humidity	0%~95% (non-condensing)			
	Altitude	<1500m			
Other	Storage Temperature	0~40℃			
	Standard Unit Net/Gross Weight	89/104kg	N/A	92/107kg	N/A
	Long Time Unit Net/Gross Weight	33/43Kg	22/25Kg	36/46Kg	22/25Kg
	Unit Dimension (W×D×H)mm	270×570×720	440×656×176	270×570×720	440×656×176
	Packing Dimension(W×D×H)mm	370×670×940	580×790×336	370×670×940	580×790×336

