

Application:
Small network, servers
and other IT equipment.



Control Panel



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

Features:

- ⊙ High frequency and double conversion online
- ⊙ Fully digitized microprocessor control
- ⊙ Wide input voltage range
- ⊙ LCD display
- ⊙ UPS start up without battery
- ⊙ Cold start
- ⊙ Advanced battery management
- ⊙ Automatic battery charging in UPS off mode
- ⊙ Lightning and surge protection
- ⊙ Short circuit and overload protection
- ⊙ Fan speed auto control when loads varies
- ⊙ Network/fax/modem surge protection
- ⊙ Optional extension battery pack
- ⊙ Battery voltage display
- ⊙ Load capacity display
- ⊙ EMI/RFI noise filter
- ⊙ Smart RS232 with monitoring software
- ⊙ Optional SNMP card slot
- ⊙ EPO function(optional)

Rear Panel

- 1 RS232
- 2 Fan
- 3 Input breaker
- 4 Output socket
- 5 SNMP slot
- 6 Battery socket
- 7 RJ45
- 8 Input socket
- 9 Optional socket



Specifications:

Model		MID1000I	MID1000RMI	MID2000I	MID2000RMI	MID3000I	MID3000RMI
Power		1KVA/700W		2KVA/1400W		3KVA/2100W	
Input	Voltage Range	When load<70%, input range is 115±5VAC~295±5VAC When load≥ 70%, input range is 160±5VAC~295±5VAC					
	Frequency Range	46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing					
	Phase	Single phase					
	Power Factor	≥0.97					
Output	Voltage Range	220/230Vac ±2%					
	Frequency Range	50Hz/60Hz±0.2%					
	THD (linear load)	<3%					
	THD (non-linear load)	< 6%					
	Overload Capability	>110%, 30s turn to bypass mode; >150%, 300ms 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					
	Efficiency	≥83%			≥85%		
Battery	Model	12V sealed lead acid maintenance free					
	DC Voltage	36VDC			96VDC		
	Battery	3×12V/7AH			8×12V/7AH		
	Backup Time (half load)	12min		19min		16min	
	Backup Time (full load)	6min		8min		5min	
	Charge Current(standard unit)	0.7A		0.7A		0.7A	
	Charge Current(long time unit)	7.5A		7.5A		7.5A	
	Recharge Time	90% capacity after 8 hrs charging					
Communication Interface		RS232, SNMP(optional)					
LCD Indication		1, Input voltage/frequency, battery voltage, output voltage/ frequency, load watt/VA 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		<45dB					
Environment	Temperature	0~40℃					
	Humidity	0%~95% (non-condensing)					
	Altitude	<1500m					
	Storage Temperature	-25~55℃					
Others	Standard Unit Net/ Gross Weight (kg)	14/16	14/16	33/35	34/36	34/36	35/37
	Long Time Unit Net/ Gross Weight (kg)	7.5/9	8/10	14/16	19/21	15/17	20/22
	Unit Dimension (W×D×H)mm	144×419×215	483×400×89	191×478×339	483×520×133	191×478×339	483×520×133
	Packing Dimension(W×D×H)mm	258×524×334	587×550×254	332×603×482	592×665×292	332×603×482	592×665×292