

MEMO TOWER II

1KVA / 2KVA / 3KVA

True on-line UPS 1:1 phase
High output power factor 0.9

Highlights

- High frequency Technology
- True on-Line (Double Conversion)
- Digitized microprocessor control optimizes reliability
- Wide input voltage range (110 - 300 Vac)
- Input power factor 0.99
- Output power factor 0.9
- Cold start function
- Frequency converter mode is settable
- ECO mode available
- Generator compatible
- Smart SNMP works with either USB or RS-232 together
- EPO function (Optional)
- Input L and N reversed alarm function
- Extension battery pack (Optional)
- Comprehensive display allows easy monitoring and access of UPS status
- OVCD optional



Patented Mimic LCD Display with Multifunction Parameter Settings

With mimic LCD display, it is easy to get all precious read-out data about the status of the UPS; besides, you may easily set various parameters from the screen.

Support Generator Input

The UPS is designed to support generator set for emergency condition.

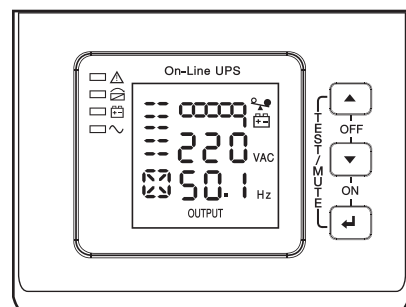
Estimated Remaining Time displayed on the LCD.

Estimated remaining time may be displayed on the LCD to enable user to know when time out reaches and shuts down his precious load in time.

LCD Display

- ⚠ Warning LED (Red)
- ⚡ Bypass LED (Yellow)
- 🔋 Battery LED (Yellow)
- ~ Inverter LED (Green)

Graphics on Display



Your choice of power protection

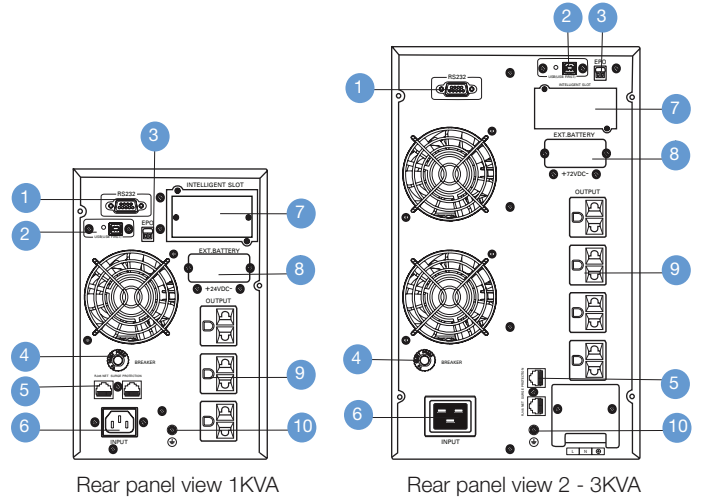
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Rear panel view

- | | |
|---------------------------------------|-------------------------------|
| 1. RS-232 communication port | 6. AC input |
| 2. USB communication port | 7. SNMP intelligent slot |
| 3. EPO function connector | 8. External battery connector |
| 4. Input circuit breaker | 9. Output outlet |
| 5. Network/Fax/Modem surge protection | 10. Ground connector |



MODEL		MEMO S 1KVA	MEMO S 2KVA	MEMO S 3KVA	
Capacity (VA/W)		Standard 1000VA/900W	2000VA/1800W	3000VA/2700W	
Input	Phase	Single phase & Ground (L, N, G)			
	Rated Voltage	220Vac : (220/230/240VAC)			
	Voltage Range	110 - 300Vac			
	Frequency Range	45~55Hz/55~65Hz (auto sensing)			
	Power factor	>0.99@Nominal voltage (100% load)			
	Generator Input	Support			
Output	Phase	Single phase & Ground (L, N, G)			
	Rated Voltage	220VAC(200/208/220/230/240VAC : selectable)			
	Power Factor	0.9			
	Voltage Regulation	±1%			
	Frequency	Utility Mode	50Hz or 60Hz (Synchronized to Mains)		
		Battery Mode	50Hz/60Hz ± 0.1HZ		
	Crest Factor	3:1			
Harmonic Distortion	≤3% with linear load, ≤5% with non linear load				
Waveform	Pure Sinewave				
Efficiency	AC Mode (full load)	88%	89%	90%	
	Battery Mode (full load)	84%	85%	86%	
Battery	Voltage	24Vdc or 36Vac (Option)	48Vdc or 96Vac (Option)	72Vdc or 96Vac (Option)	
	Capacity	12V7AH x 2 Units or 12V7AH x 3 Units (Option)	12V7AH x 4 Units or 12V7AH x 8 Units (Option)	12V7AH x 6Units or 12V7AH x 8 Units (Option)	
	Backup Time	Full load 5 minutes; Estimated remaining time displayed on the LCD or 15-30 minutes depend on load			
	Recharge time to 90%	5 hours			
	Charging Current	1.0A			
Transfer Time	Utility to Battery: 0ms; Utility to bypass< 4ms				
Protection	Overload	AC Mode	108%±5% < Load ≤ 150%±5% > 30s transfer to bypass and warn		
		Bat. Mode	150%±5% < Load < 200%±5% > 300ms transfer to bypass and warn		
	Short Circuit	108%±5% < Load ≤ 150%±5% > 30s cut off output and warn			
		150%±5% < Load < 200%±5% > 300ms cut off output and warn			
Overheat	Hold Whole System				
Battery Low	Line Mode: Switch to Bypass; Battery Mode: shut down UPS immediately				
Alarms	Audible & Visual	Alarm and Switch off			
Display	Status LED & LCD	Line Failure, Battery Low, Overload, System Fault			
	Reading On the LCD	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault			
Physical	Dimension(WxHxD)mm	144x215x368	199x337x466	199x337x466	
	Weight (Kg)	10.0	21.0	26.0	
Communication Interface	Smart RS232/USB Port	Supports Windows Family, Linux, FreeBSD and MAC.			
	Communication Slot	SNMP Card, Dry Contact Card,etc.			
Environment	Operating Temperature	0°C~40°C			
	Storage Temperature	-25°C~+55°C			
	Humidity	0~95% non condensing			
	Altitude	< 1500m.(derating while > 1500m)			
Standard	Noise	<50 dBA (at 1 meter)			
	Safety	EN62040-1			
	EMC	EN62040-2			
Performance	EN62040-3				



- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, STANDARD