

MEMO TOWER II

1KVA / 2KVA / 3KVA

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



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

Highlights

- High frequency Technology
- True on-Line (Double Conversion)
- Digitized microprocessor control optimizes reliability
- Wide input voltage range
- Input power factor ≥ 0.99
- Output power factor 0.9
- Cold start function
- Self test battery system
- Surge and Noise protection
- 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.

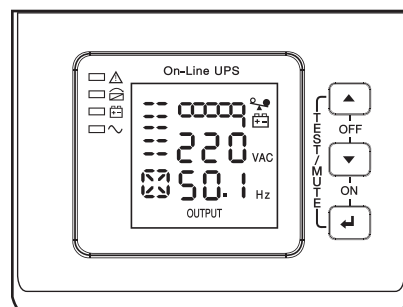
Estimated Remaining Time displayed on the LCD.

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

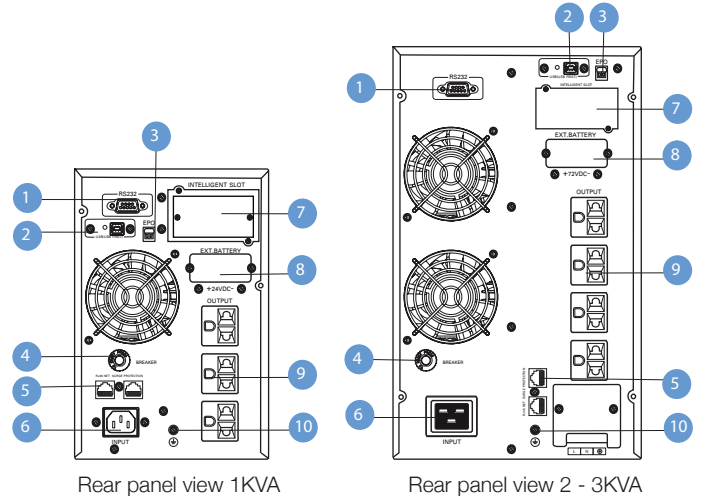
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Rear panel view

- | | |
|---------------------------------------|-------------------------------|
| 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 (load 50%); 176~300VAC (load 100%)			
	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/12V9AH x 2 Units/3 Units (Option)	12V7AH/12V9AH x 4 Units/8 Units (Option)	12V7AH/12V9AH x 6 Units/8 Units (Option)	
	Type	Sealed lead acid maintenance free			
	Backup Time	Full load 5 minutes			
	Recharge time to 90%	4 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 150%±5% < Load < 200%±5% > 300ms transfer to bypass and warn		
		Bat. Mode	108%±5% < Load ≤ 150%±5% > 30s cut off output and warn 150%±5% < Load < 200%±5% > 300ms cut off output and warn		
	Short Circuit	Hold Whole System			
	Overheat	Line Mode: Switch to Bypass; Battery Mode: shut down UPS immediately			
	Battery Low	Alarm and Switch off			
Alarms	Audible & Visual	Line Failure, Battery Mode, Battery Low, Overload, System Fault			
Display	Status LED & LCD	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault			
	Reading On the LCD	AC Mode, Battery Mode, Bypass Mode, Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Level, Battery Level, Inner Capacity (Va/w) Temperature & Remaining Battery Backup Time			
Physical	Dimension(WxHxD)mm	144x215x368	199x337x466	199x337x466	
	Weight (Kg)	10.0	21.0	26.0	
Communication Interface	Smart RS232/USB Port	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix 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