

# MEMOPOWER Series

1-3KVA  
1:1 Phase



## Features

- Online-Double conversion (PFC)
- Full digital control (DSP)
- Output power factor: 0.7
- Economic Operation mode (ECO)
- Wide input-voltage range
- Self-testing when UPS startup
- Cold Start (DC)
- Multifunctional protection
- Output bypass settable
- Input neutral and live wires reverse detection
- Optimized Battery configuration:  
1K-24V, 2K-48V, 3K-72V
- Charger extendible
- USB port (optional), USB is of automatic priority when USB & RS232 work together.
- Intelligent slot (optional): USB /SNMP /Dry contact Board

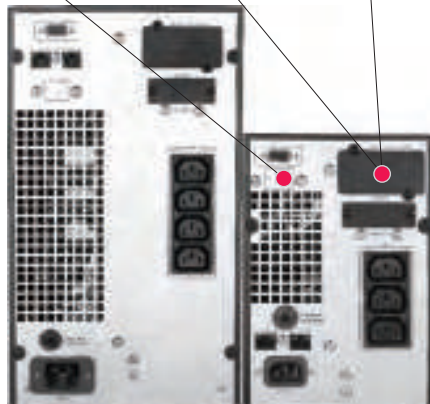
USB



SNMP



Drycontact board



Rear Panel



The series has matching Battery Cabinets.(Optional)



Optimized battery configuration 1k-24V,2K-48V,3K-72V

Model	MEMO S 1KVA	MEMO H 1KVA	MEMO S 2KVA	MEMO H 2KVA	MEMO S 3KVA	MEMO H 3KVA	
Capacity(VA)	1000VA/700W		2000VA/1400W		3000VA/2100W		
Input	Phase	Single phase & Ground					
	Rated Voltage	220VAC					
	Voltage Range	115VAC~295VAC					
	Frequency Range	45~55Hz±0.5Hz or 55~65Hz±0.5Hz auto sensing					
	Power factor	≥0.98					
	Bypass voltage	186VAC~252VAC					
Output	Current Harmonic	≤7%(100%non-linear load)					
	Phase	Single phase & Ground					
	Rated Voltage	200/208/220/230/240VAC(optional)					
	Power Factor	0.7					
	Voltage Precision	±2%					
	Output Frequency	Utility Mode	Follow utility				
		Battery Mode	(50/60±0.2%) Hz				
	Crest Factor	3:1					
	Transfer Time	(Utility↔Battery) =0ms					
		(Utility↔Bypass) <4ms					
	Overload Capacity	Battery Mode	108%±5%<Load≤150%±5% exceed 30s, cut off and alarm, 150%±5%<Load<200%±5% exceed 300ms, cut off and alarm				
		Utility Mode	108%±5%<Load≤150%±5% exceed 30s, transfer to bypass and alarm, 150%±5%<Load<200%±5% exceed 300ms, transfer to bypass and alarm				
	Efficiency	Utility mode	86%				
		Battery mode	84%				
THD	≤3% (100% linear load)						
	≤5% (100% non-linear load)						
Battery	Voltage	24VDC	24VDC	48VDC	48VDC	72VDC	72VDC
	Battery configuration	2X12V/7AH		4X12V/7AH		6X12V/7AH	
	Type	12V/7AH (Standard)					
	Backup Time	50% load≥5min(Standard), Long time unit depends on the capacity of external batteries.					
	Charge Current(A)	1A	4A	1A	4A	1A	4A
Communication Interface	RS232 .Optional ( USB port, USB card, SNMP card, Dry contact card)						
Operation Environment	Temperature	0 C ~40 C					
	Humidity	0 ~95% (non condensing)					
	Storage Temperature	-25 C ~55 C					
	Altitude	<1500m					
Other	Unit Dimensions WxDxH(mm)	144×361×215		191×428×337			
	Weight (Kg)	10.2/11	5.2/6	19.5/21.1	9.5/11.1	24/25.6	9.7/11.3
Industry Standard	CE,EN/IEC 62040-2,EN/IEC 62040-1-1						