

MEMOPOWER SERIES

1~3kVA

1:1 phase PF: 0.7/0.8(optional)



Control Panel
Up to 50 items set by LCD

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:24Vdc, 2k:48Vdc, 3k:72Vdc)
- Charger extendible
- USB port (optional), USB is of automatic priority when USB & RS232 work together.
- Intelligent slot (optional): USB / SNMP / Dry contact card



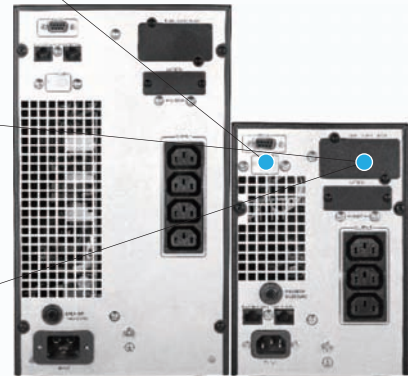
USB



SNMP



Drycontact card



Rear Panel



Battery Cabinets.
(Optional)



Optimized battery
configuration
1k:24Vdc,2k:48Vdc,
3k:72Vdc

Technical Specifications:

MODEL	MEMO S 1kVA	MEMO H 1kVA	MEMO S 2kVA	MEMO H 2kVA	MEMO S 3kVA	MEMO H 3kVA
Capacity (VA/Watts)	1000 / 700(800)		2000 / 1400(1600)		3000 / 2100(2400)	
INPUT						
Nominal voltage	220 / 230 / 240Vac					
Operating voltage range	115 ~ 295Vac					
Operating frequency range	50 / 60Hz ± 10% (auto sensing)					
Power factor	≥0.99					
OUTPUT						
Output voltage	200/208/220/230/240Vac ± 1%					
Output frequency	Synchronized with the utility on AC mode; 50/60Hz ± 0.2% on battery mode					
Crest factor	3:1 (max)					
Harmonic distortion (THDv)	<3% (linear load)					
Efficiency	>86% (online), >94% (high efficiency mode)					
BATTERY						
DC voltage	24Vdc		48Vdc		72Vdc	
Battery type & number	12V/7Ah × 2		12V/7Ah × 4		12V/7Ah × 6	
Backup time	50% load ≥ 5min(Standard), Long run unit depends on the capacity of external batteries.					
Charge current	1A	4A	1A	4A	1A	4A
SYSTEM FEATURES						
Overload capability	1. 105%~150%, 30s turn to bypass mode and alarm (mains mode) 2.>150% 300ms turn to bypass mode and alarm (mains mode) 1. 105%~150%, exceed 30s,shut down and alarm (battery mode) 2.>150%, exceed 300ms,shut down and alarm (battery mode)					
Transfer time	1. 0ms (Mains ↔ Battery) 2. <4ms (Mains ↔ Bypass)					
Communication interface	RS232, optional (USB port, USB card, SNMP card, Dry contact card)					
ENVIRONMENTAL						
Operating temperature	0~40℃					
Storage temperature	-25℃ ~ 55℃					
Humidity range	0~95% (non-condensing)					
Altitude	<1500m					
Noise level	<45dB					
PHYSICAL						
Dimensions D × W × H (mm)	361 × 144 × 215			428 × 191 × 337		
Net weight/Shipping weight (kg)	10.2/11	5.2/6	19.5/21.1	9.5/11.1	24/25.6	9.7/11.3
STANDARDS						
Safety	IEC/EN62040-1;IEC/EN60950-1					
EMC	IEC/EN62040-2;IEC61000-4-2;IEC61000-4-3;IEC61000-4-4; IEC61000-4-5;IEC61000-4-6;IEC61000-4-8					

Specifications are subject to change without prior notice.