

## SMALL & MEDIUM POWER HIGH FREQUENCY UPS (PALPOWER BRAND)

### MEMOPOWER/PALPOWER SERIES

Power range: 10kVA  
Work: online, 1:1 phase  
Applications:  
PF:0.8



#### Product features

Online double conversion with DSP control  
Input current harmonic: <5%  
Wide input frequency range(50Hz: 45~55Hz / 60Hz: 54~66Hz)  
Support generator input  
Support economic(ECO) operation mode  
Self-testing when UPS startup  
Cold start

#### MEMOPOWER SERIES Technical Specifications

MODEL	MEMO S 10KVA	
Capacity (VA/Watts)	10k / 8k	
<b>INPUT</b>		
Nominal voltage	220/230/240Vac	
Operating voltage range	120 ~ 276Vac	
Operating frequency range	50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)	
Power factor	≥0.99	
Bypass frequency range	Frequency protection range: ± 10%	
ECO range	Same as the bypass	
Harmonic distortion (THDi)	<3%(100% linear load)	
Generator input	Support	
<b>OUTPUT</b>		
Rated voltage	220/230/240Vac	
Power factor	0.8	
Voltage regulation	± 1%	
Frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency(optional)
	Bat. Mode	50/60(± 0.1)Hz
Crest factor	3:1	
Harmonic distortion (THDv)	≤2% with linear load	
	≤5% with non-linear load	
Efficiency	>91%	
<b>BATTERY</b>		
Battery voltage	± 96/108/120Vdc ( optional )	
Capacity (standard unit)	12V/7Ah/9Ah	
Charge current	1A(Standard unit) ; Max.current 6A(Long run unit); (charge current can be set according to battery capacity installed)	
<b>SYSTEM FEATURES</b>		
Transfer time	Mains to Battery:0ms; Mains to Bypass:0ms	
Overload	Line Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, >150% turn to bypass mode immediately
	Bypass Mode	60A(Breaker)
Communication interface	RS 232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional)	
<b>ENVIRONMENTAL</b>		
Operating temperature	0°C ~ 40°C	
Storage temperature	-25°C ~ 55°C	
Humidity range	0 ~ 95% (non-condensing)	
Altitude	< 1500m	
Noise level	<55dB	
<b>PHYSICAL</b>		
Dimension D × W × H (mm)	502 × 250 × 616 (S) /481 × 220 × 438 (H)	

Specifications are subject to change without prior notice.

**PALPOWER/MEMOPOWER ARE IDENTICAL BRANDS**