

SMALL & MEDIUM POWER HIGH FREQUENCY UPS (PALPOWER BRAND)

MEMOPOWER/PALPOWER SERIES(10-20KVA)

Power range: 10~20kVA
Work: online,3:1 phase
Applications:
PF:0.8



Product features

N+X parallel redundancy
Online double conversion with DSP control
Input current harmonic: <5%
Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
Wide input voltage range: 208~478Vac
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

MODEL	MEMO 10kVA S/H	MEMO 15kVA	MEMO 20kVA
Capacity (VA/Watts)	10k / 8k	15k / 12k	20k / 16k
INPUT			
Nominal voltage	380/400/415Vac;(3Ph+N+PE)		
Operating voltage range	208 ~ 478Vac		
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)	<5%(100% linear load)		
Generator input	Support		
OUTPUT			
Rated voltage	220/230/240Vac		
Power factor	0.8/0.9(optional)		
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	>92%		>93.5%
BATTERY			
Battery voltage	± 96/108/120Vdc (optional)		
Capacity (standard unit)	12V/7Ah/9Ah		
Charge current	1A(10kVA Standard unit) ; Max.current 10A(Long run unit)		
SYSTEM FEATURES			
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	63A(Breaker)	100A(Breaker)
Communication interface	RS232,USB,SNMP card(optional), Parallel board(optional), Relay card (optional)		
ENVIRONMENTAL			
Operating temperature	0°C ~ 40°C		
Storage temperature	-25°C ~ 55°C		
Humidity range	0 ~ 95% (non-condensing)		
Altitude	<1500m		
Noise level	<55dB		<58dB
PHYSICAL			
Dimension D × W × H (mm)	597 × 250 × 655(S)/502 × 250 × 616(H)		502 × 250 × 616

Specifications are subject to change without prior notice.