



Memo Power Plus Series (10-20 KVa)

La solución Memo Power Plus Series es una solución de dimensiones pequeñas, On line Doble Conversión, con una potencia que va desde los 10KVa hasta los 20KVa, Entrada Trifásica y Salida Monofásica, pensada para trabajar en aplicaciones de misión crítica.

Características principales

- ✓ N + X Redundancia Paralela
- ✓ On-Line Doble conversión con control de DSP
- ✓ Entrada de Corriente armónica <5%
- ✓ Amplia gama de voltaje de entrada : 208 ~ 478Vac
- ✓ Entrada Trifasica, Salida monofasica
- ✓ Rango de Frecuencia de Entrada (50HZ_ 45-55Hz / 60Hz: 54-66Hz)
- ✓ Soporta Modo de Operación Económica
- ✓ Self-Testing en el inicio de la UPS

Memo Power Plus Series Technical Specifications

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 voltage range		Max.voltage: 220V: +25%(optional +10%,+15%,+20%)					
		230V: +20% (optional +10%,+15%)					
		240V: +15% (optional +10%)					
		Min.voltage: -45% (optional -20%,-30%)					
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						
Crest factor		50/60(± 0.1)Hz					
		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					
Typical recharge time		6~8 hours (to 90% of full capacity)					
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)		125A(Breaker)	
Short circuit		Hold Whole System					
Overheat		Line Mode: Turn to Bypass; Bat. Mode: Shut down UPS immediately					
Low battery voltage		Alarm and Switch off					
Self-diagnostics		Upon Power On and Software Control					
Battery		Advanced Battery Management					
Audible & Visual alarms		Line Failure, Battery Low, Overload, System Fault					
LED & LCD display		Line Mode, Bat. Mode, Eco Mode, Bypass Mode, Battery Low, Overload & UPS Fault					
LCD display		Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time					
Communication interface		RS232,USB,SNMP card(optional), Parallel board(optional), Relay card (optional)					
ENVIRONMENTAL							
Operating temperature		0℃ ~ 40℃					
Storage temperature		-25℃ ~ 55℃					
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		
Net weight (kg)		76(S)/35 (H)		45		46	
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.