



The Memopower Plus II convertible double conversion true on-line series, featured with 3-level charging method, high input & output power factors, up to 90% conversion efficiency, superior input voltage window for energy saving, estimated remaining time, ECO mode, is an ideal solution to your computer center, network center, communication system, automatic control system or other critical systems, which is demanding for a thorough protection.

Features

- Rack/Tower Convertible Design
- Patented Mimic LCD Display May be Rotated by Simply Pushing Front Button
- True Online Double Conversion
- High Output Power Factor at 0.9PF
- Charger/Fan Status on the LCD Display
- Green Concept Design with Superior Input Voltage Window for Energy Saving
- Hot-Swappable Battery
- 3-level intelligent Charging Method
- Efficiency up to 90%
- Estimated Remaining Time displayed on the LCD
- Support Economic(ECO) Operation Mode
- Matching Battery Pack
- Optional Powerful Charger
- Cold Start
- Power Shedding May Turn Off Uncritical Load in Battery Backup
- Emergency Power Off
- Frequency Converter Mode Is Settable

Memopower Plus II convertible Double conversion true on-line series

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		ksmprt1k		ksmprt2k		ksmprt3k	
Capacity (VA/W)		1000VA/900W		2000VA/1800W		3000VA/2700W	
Input	Phase	Single phase & Ground					
	Rated Voltage	200/208/220/230/240VAC					
	Voltage Range	110-290V*					
	Frequency Range	45Hz-65Hz(auto-detect)					
	Power Factor	≥0.98					
	Current THDi	<7% at 100% non-linear load					
	Bypass Voltage Range	Max.voltage: +15%(optional +5%, +10%, +25%) Min. voltage: -45% (optional -20%, -30%) Frequency protection range: ±10%					
	ECO Range	same as the bypass					
Generator Input	Support						
Output	Phase	Single phase & Ground					
	Rated Voltage	200/208/220/230/240VAC					
	Power Factor	0.9					
	Voltage Regulation	±2%					
	Frequency	50Hz or 60Hz(Synchronized to Mains)					
	Utility Mode Battery Mode	50/60Hz±0.02Hz					
	Crest Factor	3:1					
	THD	≤3% with linear load ≤5% with non linear load					
Efficiency	Waveform	Pure Sinewave					
	AC Mode(full load)	up to 90%					
	Battery Mode(full load)	>85%					
	ECO Mode(full load)	>94%					
Battery	Voltage	24Vdc		48Vdc		72Vdc	
	Capacity(standard unit)	12V/9AH					
	Backup Time	Full load>=3~5 minutes; Estimated remaining time displayed on the LCD					
	Recharge time to 90%	5 hours					
	Charging Current	1.4A					
	Battery Socket	Anderson like PowerPole Modular Connectors					
Transfer Time	Utility to Battery : 0ms; Utility to bypass< 4ms						
Protection	Overload	AC Mode	Load <100%~150%: 30S; Load > 150%: 300ms then shut down UPS completely				
		Bat. Mode	Load <100%~150%: 30S; Load > 150%: 300ms then shut down UPS completely				
		Bypass Mode	Load > 130%: 60S then shut down output				
	Short Circuit	Hold Whole System					
	Overheat	Line Mode: Switch to Bypass; Battery Mode: shut down UPS immediately					
	Battery Low	Alarm and Switch off					
	Self-diagnostics	Upon Power On and Software Control					
	EPO	Shut down UPS immediately					
Alarms	Battery	Advanced Battery Management					
	Noise Suppression	Complies with EN62040-2					
	Audible & Visual	Line Failure, Battery Low, Overload, System Fault					
Display	Status LED & LCD	Load/Battery/Input/Output/Operating Mode Information					
	Reading On the LCD	Load/Battery/Input/Output/Operating Mode Information					
Physical	Dimension(WxHxD)mm	440x86.5x430		440x86.5x572		440x86.5x696	
	Weight (Kg)	15.1		22.2		25.5	
	Input Connection	IEC320 C14-10A		IEC320 C14-10A		IEC320-C20-16A	
	Output Connection	IEC320 C13-10A x 6		IEC320 C13-10A x 6		IEC320 C13-10A x 6 & C19-16A x 1	
Communication Interface	External Battery Connection	Anderson like PowerPole Modular Connectors					
	Smart RS232/USB Port	Supports Windows Family, Linux, FreeDSB, etc.					
	Communication Slot	SNMP Card (independent to RS232)					
Environment	RJ45	Built-in Power Surge, Lightning Protection Device					
	Operating Temperature	0℃~40℃					
	Storage Temperature	-25℃~+55℃					
	Humidity	0~90% non condensing					
	Altitude	< 1500m.(derating while > 1500m)					
Safety Conformance	<50dB(at 1 meter) CE						

BATTERY BANK					
Model	RTII-BR04009	RTII-BR06009	RTII-BR08009	RTII-BR12009	
Bat.Type	9AH				
Bat. DC Voltage	24Vdc		48Vdc	72Vdc	
Max.Quantity	4pcs		8pcs	12pcs	
Max. Charge Current	2A				
Physical	Unit Dimensions WxHxD (mm)	440x86.5x430		440x86.5x572	440x86.5x696
	Weight (Kg)	12		22	32

* 110-160V at < 30%;160-200V at <80% load; 200-290V at 100% load.
Specifications subject to change without prior notice.

