



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

RTII 1K | RTII 1.5K | RTII 2K | RTII 3K

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Model			RTII 1K		RTII 1.5K		RTII 2K		RTII 3K		
Capacity (VA/W)			1000VA/900W		1500VA/1350W		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%								
			same as the bypass								
Output	Generator Input		Support								
	Phase		Single phase & Ground								
	Rated Voltage		200/208/220/230/240VAC								
	Power Factor		0.9								
	Voltage Regulation		±2%								
	Frequency	Utility Mode	50Hz or 60Hz(Synchronized to Mains)								
		Battery Mode	50/60Hz±0.02Hz								
	Crest Factor		3:1								
	THD		≤3% with linear load ≤5% with non linear load								
	Waveform		Pure Sinewave								
Efficiency	AC Mode(full load)		up to 90%								
	Battery Mode(full load)		>85%								
	ECO Mode(full load)		>94%								
Battery	Voltage		24Vdc		36Vdc		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								
	Battery		Advanced Battery Management								
Alarms	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		440x86.5x430		440x86.5x572		440x86.5x696		
	Weight (Kg)		15.1		18.1		22.2		25.5		
	Input Connection		IEC320 C14-10A		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		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	36Vdc	48Vdc	72Vdc
Max.Quantity		4pcs	6pcs	8pcs	12pcs
Max. Charge Current		2A			
Physical	Unit Dimensions WxHxD (mm)	440x86.5x430	440x86.5x430	440x86.5x572	440x86.5x696
	Weight (Kg)	12	15	22	32

\* 110-160V at <30%;160-200V at <80% load; 200-290V at 100% load.

Specifications subject to change without prior notice.

