



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

Memopower Plus II convertible double conversion true on-line series

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%			
	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	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			
Alarms	Audible & Visual		Line Failure, Battery Low, Overload, System Fault		
	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
	External Battery Connection	Anderson like PowerPole Modular Connectors			
Communication Interface	Smart RS232/USB Port	Supports Windows Family, Linux, FreeDSB, etc.			
	Communication Slot	SNMP Card (independent to RS232)			
	RJ45	Built-in Power Surge, Lightning Protection Device			
Environment	Operating Temperature	0℃~40℃			
	Storage Temperature	-25℃~-45℃			
	Humidity	0~90% non condensing			
	Altitude	< 1500m.(derating while > 1500m)			
	Noise	<50dB(at 1 meter)			
Safety Conformance		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.

