



The Memopower Plus II Convertible Parallel Redundancy on-line UPS series, featured with up to 93.5% efficiency, rack/tower convertible, N+X Parallel Redundancy, DSP-controlled technology, high input & output power factors, superior input voltage window for energy saving, estimated remaining time, ECO mode, flexible system configuration, is an ideal solution to your server, bank, industrial equipment, IT equipment, communication system and other networking equipment, which is demanding for a thorough protection.

Features

- Rack/Tower Convertible
- Flexible System Configuration
- Graphic LCD Display with Multifunction Parameter Settings
- Hot Swappable Battery
- N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- High Output Power Factor at 0.9PF
- Low Input Current Distortion
- Green Concept design with Superior Input Voltage Window for Energy Saving
- Efficiency up to 93.5%
- Estimated Remaining Time displayed on the LCD
- Support Economic(ECO) Operation Mode
- Settable Battery Voltage
- Temperature-controlled Fan
- Matching Battery Pack with Powerful Charger Built-in
- Common Battery When UPS in Parallel Mode
- Versatile Communication Interfaces Available
- Cold Start
- Communication Software
- Optional Centralized monitor function
- Settable Charge Current
- Optional Frequency Converter Mode Supported

Memopower Plus II Convertible Parallel Redundancy Online UPS Series

RTII 6K | RTII 10K

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Model		RTII 6K	RTII 10K	
Capacity (VA/W)		6KVA/5.4KW	10KVA/9KW	
Input	Phase	1Phase 2 Wires + Ground or 3 Phase 4 Wires+ Ground		
	Rated Voltage	380/400/415Vac or 220/230/240VAC		
	Voltage Range	208~478Vac or 120VAC-276VAC		
	Frequency Range	45Hz-55Hz / 55Hz-66Hz		
	Power Factor	≥0.99		
	Current THDi	≤3%(100% linear load) ≤5%(100% non-linear load)		
	Bypass Voltage Range	220Vac Max. : 10%, 15%, 20% or 25%, default : 25% 230Vac Max. : 10%, 15% or 20%, default : 20% 240Vac Max. : 10% or 15%, default : 15% Min. : 20%, 30% or 45%, default : 45%		
	ECO Range	same as the bypass		
	Generator Input	Support		
	Output	Phase	1Phase 2 Wires + Ground	
Rated Voltage		220/230/240VAC		
Power Factor		0.9		
Voltage Regulation		±1%		
Frequency		Utility Mode	±1%、±2%、±4%、±5%、±10% of the rated frequency(optional)	
		Battery Mode	(50±0.1%) Hz	
Crest Factor		3:1		
THD		≤2% with linear load ≤5% with non linear load		
Waveform		Pure Sinewave		
Battery		Voltage	Standard: 192Vdc; Optional Voltage: 216/240Vdc	
	Backup Time	Full load ≥2min(Standard), Long time unit depends on the capacity of external batteries Estimated remaining time displayed on the LCD		
	Recharge time to 90%	8~10 hours (Standard)		
	Charging Current	Maximum Current 10A; charge current can be set according to battery capacity installed.		
	Battery Socket	Anderson like PowerPole Modular Connectors		
Transfer Time		Utility to Battery : 0ms; Utility to bypass: 0ms		
Protection	Overload	AC Mode	Load 105%~110%: 1H · 110%~125%: 10 mins · 125%~150% : 1min · ≥150%: 200 ms, then transfer to bypass	
		Bat. Mode	Load 105%~110%: 1H, 110%~125%: 10 mins, 125%~150%: 1min, ≥150%: 200 ms, then shut down UPS immediately	
		Bypass Mode	40A(Input Breaker) 60A(Input Breaker)	
	Short Circuit	Hold Whole System		
	Overheat	Line Mode: Switch to Bypass; Backup 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		
		Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault		
Display	Status LED & LCD	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault		
	Reading On the LCD	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time		
Physical	Input Connection	Hardwire		
	Output Connection	Hardwire & IEC320-C13-10A x 2		
	External Battery Connection	Anderson like PowerPole Modular Connectors		
Communication Interface		USB , Dry Contact, Parallel, Communication Solt		
Environment	Operating Temperature	0°C~40°C		
	Storage Temperature	-25°C~+55°C		
	Humidity	0~95% non condensing		
	Altitude	< 1500m		
	Noise	<55dB(at 1 meter)		
Safety Conformance		CE,EN/IEC 62040-2,EN/IEC 62040-1-1		

UPS MODULE				
Model Name	Input/Output Phase	Efficiency	Dimension(WxHxD)mm	Weight (Kg)
RTII 6K/1P	1P/1P	92.0%	443x131(3U)x580	23
RTII 10K/1P			443x131(3U)x580	25
RTII 6K/3P	3P/1P	93.5%	443x131(3U)x580	28
RTII 10K/3P			443x131(3U)x580	30

BATTERY BANK			
Model	RTII-BR20007	RTII-BR20009	
Bat.Type	7AH	9AH	
Max.Quantity	20	20	
Other	Unit Dimensions WxHxD (mm)	443x131(3U)x580	
	Weight (Kg)	58	67

Specifications subject to change without prior notice.



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