



The Memopower Plus Green Convertible double conversion true on-line series, featured with DSP-controlled technology, high input & output power factors, 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 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
- Support Generator Input
- 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

Memopower Plus Green Convertible UPS Series

	Model		MP9101-RT	MP9102-RT	MP9103-RT		
	Capacity (VA/W)		1000VA/900W	2000VA/1800W	3000VA/2700W		
	P	hase		Single phase & Ground			
	Rated Voltage		200/208/220/230/240VAC				
	Voltage Range		110-290V*				
	Frequency Range			45Hz-65Hz(auto-detect)			
Ī	Power Factor		≥0.98				
put	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				
	Phase		Single phase & Ground				
	Rated Voltage		200/208/220/230/240VAC				
T T	Power Factor		0.9				
	Voltage Regulation			10-6 80-607			
2	Voltage	кедигатоп		±2%			
	Utility Mode Frequency Battery Mode			50Hz or 60Hz(Synchronized to Mains)			
utput			50/60Hz±0.02Hz				
	Crest Factor		3:1				
	THD		≤3% with linear load ≤5% with non linear load				
	Waveform			Pure Sinewave			
	AC Mode(full load)		up to 89% up to 90%				
ficiency	ECO Mode(full load)			>94%			
	Voltage		36Vdc	72Vdc	72Vdc		
	12			13\1/741	Anvilous		
		standard unit)		12V/7AH	12V/9AH		
ittery	Backup Time		Full load>=3~5 minutes; Estimated remaining time displayed on the LCD				
The state of the s	Recharge time to 90%		5 hours				
	Charging Current		1A				
	Battery Socket			Anderson like PowerPole Modular Connect	ors		
ansfer Time				Utility to Battery : 0ms; Utility to bypass< 4r	ms		
		AC Mode	Load <100%~150%: 30S; Load > 150%: 300ms then shut down UPS completely				
	Overload	Bat. Mode	Load <100%	~150%: 30S; Load > 150%: 300ms then shut dow	n UPS completely		
		Bypass Mode	THE PROPERTY OF THE PROPERTY O	Load > 130%: 60S then shut down output			
i i	T. N. 199		Hold Whole System				
	Short Circuit		line Med		IDC impropriately		
otection	Overheat		Line Mod	e: Switch to Bypass; Battery Mode: shut down U	irs immediately		
ļ		tery Low		Alarm and Switch off			
ļ.	Self-d	liagnostics		Upon Power On and Software Control			
	EPO(optional)			Shut down UPS immediately			
1	Battery			Advanced Battery Management			
	Noise Suppression			Complies with EN62040-2			
	Noise 3	Suppression		- 185 B B B			
larms		le & Visual		Line Failure, Battery Low, Overload, System F	ault		
larms	Audibl		Line Mode, Backup Mod	Line Failure, Battery Low, Overload, System F			
larms	Audibl Status	le & Visual			y Bad, Overload and UPS Fault.		
	Audibl Status Reading	le & Visual LED & LCD g On the LCD		e, ECO Mode, Bypass Mode, Battery Low, Batter tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time	y Bad, Overload and UPS Fault.		
	Audibl Status Reading Dimensio	le & Visual LED & LCD g On the LCD n(WxHxD)mm	Input Voltage, Input Frequency, Ou 440x86.5x410	e, ECO Mode, Bypass Mode, Battery Low, Batter tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature &		
splay	Audibl Status Reading Dimensio Wei	le & Visual LED & LCD On the LCD n(WxHxD)mm ight (Kg)	Input Voltage, Input Frequency, Ou 440x86.5x410 12	e, ECO Mode, Bypass Mode, Battery Low, Batter tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 86.5x620		
splay	Audibl Status Reading Dimensio Wei	le & Visual LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	e, ECO Mode, Bypass Mode, Battery Low, Batter tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature 8 86.5x620 26.6 IEC320-C20-16A		
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splay	Audibl Status Reading Dimensio Wei Input (Output External Bat	le & Visual LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1		
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splay nysical ommunication	Audible Status Reading Dimensio Wei Input Coutput External Bat Smart RS	le & Visual LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1		
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splay nysical ommunication	Audible Status Reading Dimension Wei Input C Output External Bat Smart RS Commun	le & Visual LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection 232/USB Port nication Slot RJ45	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect Supports Windows Family, Linux, FreeDSB, SNMP Card, Dry Contact Card, etc Built-in Power Surge, Lightning Protection De	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1 cors etc.		
splay hysical hymmunication	Audible Status Reading Dimension Weit Input Coutput External Bate Smart RS Communications Operating Communications Communicat	LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection 232/USB Port nication Slot RJ45 Temperature	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect Supports Windows Family, Linux, FreeDSB, SNMP Card, Dry Contact Card, etc Built-in Power Surge, Lightning Protection Dec	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1 cors etc.		
splay nysical ommunication	Audible Status Reading Dimension Weit Input (Control Bate Smart RS) Communication Co	LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection 232/USB Port nication Slot RJ45 Temperature Temperature	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect Supports Windows Family, Linux, FreeDSB, SNMP Card, Dry Contact Card, etc Built-in Power Surge, Lightning Protection Decoder 10°C ~40°C -25°C ~+55°C	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature & 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1 cors etc.		
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	Audible Status Reading Dimension Weit Input Coutput External Bate Smart RS Communication Storage Storage Human Coutput Human Coutput Storage Storage Storage Human Coutput Storage St	LED & LCD On the LCD n(WxHxD)mm ight (Kg) Connection Connection tery Connection 232/USB Port nication Slot RJ45 Temperature Temperature	Input Voltage, Input Frequency, Ou 440x86.5x410 12 IEC320 C14-10A	tput Voltage, Output Frequency, Load Percenta Remaining Battery Backup Time 440x 22 IEC320-C20-16A IEC C13-10A x 8 Anderson like PowerPole Modular Connect Supports Windows Family, Linux, FreeDSB, SNMP Card, Dry Contact Card, etc Built-in Power Surge, Lightning Protection Decoder 10°C ~40°C -25°C ~+55°C	ry Bad, Overload and UPS Fault. age, Battery Voltage, Inner Temperature 8 86.5x620 26.6 IEC320-C20-16A IEC320 C13-10A x 8 & C19-16A x 1 cors etc.		
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BATTERY BANK						
Model		MP-BR06007	MP-BR12007	MP-BR12009		
Bat.Type		7AH	7AH	9AH		
Bat. DC Voltage		36Vdc	72Vdc	72Vdc		
Max.Quantity		6pcs	12pcs	12pcs		
Max. Charge Current		2A				
Physical	Unit Dimensions WxHxD (mm)	440x86.5x410	440x86.5x620			
	Weight (Kg)	16.2	29.4	33		

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

Specifications subject to change without prior notice.







