MemoPower Plus III Series

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XFR Module

Battery Pack

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Overview

The Memo power Plus ill 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, ECO mode, is an ideal solution to your server, bank, Industrial equipment equipment communication system and other networking equipment, which is demanding for a thorough protection.

Feature

- Rack/Tower Convertible
- Graphic LCD Display with Multifunction
- Parameter Settings & Mimic Diagram
- Hot Swappable Battery N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- High Output Power Factor ato.9PF
- Low In put Current Distortion Green Concept design with Superior Input
- Voltage Window for Energy Saving
- Efficiency up to 93.5% Emergency Power Off
- Support Economic (ECO) Operation Mode Settable Battery Voltage
- Temperature -controlled Fan
- Matching Battery Pack
- Common Battery When UPS in Parallel Mode Versatile Communication Interfaces Available
- Cold Start
- I Communication Software
- Settable Charge Current Optional Frequency Converter Mode
  Supported Transformer Module for 208/120 Vac or 240/120 Vac System

Technical Specification

UPS Module		
MODEL	**RT III 6K**	**RT III 10K**
Capacity (VA/Watts)	6KVA/5.4KW	10KVA/9KW
INPUT		
Nominal Voltage	208/220/230/240Vac	
Operating Voltage Range	120-276Vac	
Operating Frequency Range	45~55Hz/54~66Hz	
Power Factor	>= 0.99 @Nominal voltage(100% load)	
Bypass Voltage Range	Max.voltage:220V:+25%(optional+10%,+15%+20%) 230V:+20%(optional+10%,+15%) 240V:+15%(optional+10%) Min.Voltage:-45%(optioan-20%,-30%)	
Bypass Frequency Range	±1%、±2%、±4%、±5%、±10%	
ECO Range	Same as the bypass	
Harmonic Distortion(THDi)	≤3%(100% Linear load);≤5%(100% non linear load)	
Generator Input	Support	
OUTPUT		
Rated Voltage	208/220/230/240VAC	
Power Factor	0.9	
Voltage Regulation	±1%	
Frequency — Line Mode	Synchronize to Mains	
Frequency — Bat.Mode	(50/60±0.1%)Hz	
Crest factor	3:1	
Harmonic Distortion(THDv)	≤2% With linear load; ≤5% With non-linear load	
Efficiency	>93.5%	
BATTERY		
Battery Voltage	±96/±108/±120Vdc	
Capacity(Standard Unit)	12V/5Ah or 12V/7Ah or 12V/9Ah	
Typical Recharging Time	6-8 hours recover to 90% of full capacity	
Charging Current	1A(Standard Unit);Max.Current10A(Long run unit);(Charging current can be set according to battey capacity installed)	
SYSTEM FEATURES		
Transfer Time	Mains to battery:0ms;Mains to bypass:0ms	
Overload — Line Mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min,≥150%: last 200ms turn to bypass mode immediately	
Overload — Bypass Mode	40A(Breaker)	63A(Breaker)
Short Circuit	Hold whole system	
Battery Low	Alarm and switch off	
Self-Diagnostics	Upon power on and software control	
Battery	Advanced battery management	
Audible & Visual Alarms	Line failure,Battery low,Overload,System fault	
LED & LCD Display	Line mode,Bat.mode,ECO mode,Bypass mode,Battery under voltage,Overload&UPS fault	
LCD Display	Input voltage,Input Frequency,Output Voltage,Output Frequency,Load percentage,Battery Voltage,Inner temperature, ect.	
Communication Interface	RS232,USB,Parallel card, EPO and communication slot for optional SNMP card, Relay contact card or Modbus card	
ENVIRONMENT		
Operating Temperature	0℃-40℃	
Storage Temperature	25℃-55℃	
Humidity Range	0-95%(non-condensing)	
Altitude	<1500m	
Noise Level	<55db at 1 meter	
PHYSICAL		
Dimension W*H*D(mm)	440*86.5*615 (19"*2U*24.2")	
Net Weight(kg)	13	15
STANDARDS		
Safety	UL1778, IEC/EN 62040-1, IEC/EN 60950-1	
EMC	FCC Part 15:2015, IEC/EN 62040-2, IEC61000-4-2,IEC61000-4-3, IEC61000-4-4,IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	

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Battery Module				
MODEL	**Dimension (WxHxD)**	**N.W.**	**G.W.**	**Remarks**
RTIII-BR16005X	440*86.5*616 (19"*2U*24.2")	8.9	11	Non-hotswappable
RTIII-BR20007X/009X	443*131*585 (19"*2U*23.0")	11	14	Non-hotswappable

Transformer Module			
MODEL		**RTIII6K-XFR**	**RTIII10K-XFR**
Topology		Isolation,Step Down Tansformer, Sine Wave	
I/P	Frequency / Voltage	1φ3W+G, 208(Default)/240VAC Selectable, 50/60Hz	
	Current(Max)	26Amps(208Vac)	44Amps(208Vac)
		22.5Amps(240Vac)	37.5Amps(240Vac)
O/P	Frequency / Voltage	208&120Vac(Default), 240Vac(Optional)	
	Power(Max)	6KVA/5.4KW	10KVA/9KW
	Efficiency	>95%	
	Waveform Type	True Sine Wave	
PHYSICAL			
Dimension W×H×D (mm)		440*86.5*685 (19"*2U*27")	443*131*677 (19"*3U*26.7")
Net Weight (kg)		46.5	74

For More Information

Please visit our website www.comcast-sa.com or contact your local sales representative.

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