



The Memopower UDC One 1.0 PF Parallel Redundancy on-line series, featured with 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, IT equipment, communication system and other networking equipment, which is demanding for a thorough protection.

Features

- N+X Parallel Redundancy
- Online Double Conversion with DSP Control
- Built-in Power Charger Can be set from 1A to 10A
- Unity Input Power Factor with Low Input Current Distortion
- High Output Power Factor at 1.0PF
- Low Input Current Distortion <3%
- 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
- Settable Battery Voltage
- Automatic Battery Test Settable from LCD
- Load -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
- Frequency Converter Mode
- Settable Charge Current
- De-rating Operation Available

Memopower UDC One Parallel Redundancy Online Tower UPS Series

UDC9106S One | UDC9106H One
UDC9110S One | UDC9110H One

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MODEL	UDC9106S One	UDC9106H One	UDC9110S One	UDC9110H One
Capacity (VA/Watts)	6K/6K		10K/10K	
INPUT				
Nominal Voltage	220/230/240Vac			
Operating Voltage Range	120~276Vac			
Frequency Range	50Hz:45~55Hz;60Hz:54~66Hz(auto sensing)			
Power Factor	≥0.99			
Bypass voltage range	Max.voltage: 220V: +25%(optional +10%,+15%,+20%) Bypass voltage range 230V: +20% (optional +10%,+15%) 240V: +15% (optional +10%) Min.voltage: -45% (optional -20%,-30%)			
Bypass frequency range	Frequency protection range:±10%			
ECO range	Same as the bypass			
Harmonic distortion (THDi)	<3%(100% linear load)			
Generator input	Support			
OUTPUT				
Output Voltage	220/230/240Vac			
Power Factor	1			
Voltage Regulation	±1%			
Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(optional)		
	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%			
BATTERY				
Battery voltage	±96/108/120Vdc (Settable)			
Capacity (standard unit)	12V/7Ah or 12V/9Ah			
Typical recharging time	6~8 hours (to 90% of full capacity)			
Charging current	1A	10A	1A	10A
SYSTEM FEATURES				
Transfer time	Mains to battery:0ms; Mains to bypass:0ms			
Overload	Line Mode	Load≤110%: last 10min, ≤130%: last 1min, >130% turn to bypass mode immediately		
	Bypass Mode	63A(Breaker)		80A(Breaker)
Short circuit	Hold whole system			
Overheat	Line Mode: Turn to Bypass; Bat. Mode: Shut down UPS immediately			
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 & Remaining battery backup time			
Communication interface	RS232,USB,SNMP card(optional), Parallel card(optional), Relay card (optional)			
ENVIRONMENT				
Operating temperature	0°C~40°C			
Storage temperature	-25°C~55°C			
Humidity range	0~95% (non-condensing)			
Altitude	< 1500m			
Noise level	<55dB			
PHYSICAL				
Dimension W×H×D (mm)	191*660*460	191*330*405	191*660*460	191*330*405
Net weight (kg)	65	18	69	20
STANDARDS				
Safety	IEC/EN62040-1,IEC/EN60950-1			
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8			

Specifications subject to change without prior notice.



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