KSTAR

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 I UDC9106H One
UDC9110S One I UDC9110H One

Memopower UDC One Parallel Redundancy Online Tower UPS Series

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	105 %～ 110 % ， 10 minutes 110%～130%,lasts 1 minutes ＞130% ，switch to bypass immediately			
	Bypass Mode	Load for a long time when rated output current under 125%(Bypass load capacity is controlled by bypass circuit breaker, tripping when circuit breaker operating current.)			
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℃～40℃			
Storage temperature		-25℃～55℃			
Humidity range		0～95% (non-condensing)			
Altitude		< 1500m			
Noise level		<55dB			
PHYSICAL					
Dimension W×H×D (mm)		191*720*460	191*330*405	191*720*460	191*330*405
Net weight (kg)		60	11	61	12
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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