



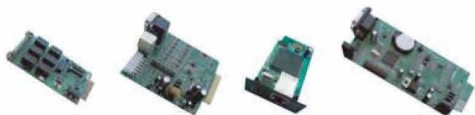
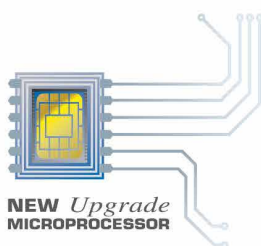
TRUE ONLINE DOUBLE CONVERSION TECHNOLOGY

ZC-MP
1:1 Phase
Rating
6kVA, 10kVA



LCD Operation

LCD control panel consists of LCD display board, LED and buttons, which displays and controls these information including Running information, alarm information, function setting information.



Intelligent slot optional

- Relay Card
- Centralized monitoring card
- SNMP Card
- Parallel port module

Model : ZC-MP 6kVA, 10kVA

Features

- Online double conversion with full digital control
- Optimization battery group, the quantity of battery: 16/18/20pcs (Settable)
- Wide input voltage range:110~286Vac
- Input power factor 0.99 with PFC
- Wide input frequency range
- Selectable output voltage: 208/220/230/240Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface:RS232/USB/EPO (Relay card /SNMP card optional)
- Cold start
- Design with maintenance switch (Optional)
- Intelligent fan speed regulation
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm
- software management

QUALITY STANDARD COMPLIANCE



ISO9001: 2015, ISO14001, FCC, CE, UL, LVD, EMC

<http://www.zircon.co.th>

ZC-MP

True Online UPS

Rating

6kVA, 10kVA

1 Phase in, 1 Phase out



MODEL		MP 6kVA	MP 10kVA
Capacity		6000VA / 5400W	10000VA / 9000W
INPUT			
Nominal voltage		208/220/230/240Vac	
Input voltage range		110~286Vac	
Power factor		≥0.99	
Bypass voltage range		Max.voltage:230~264Vac Min.voltage:176~220Vac	
FREQUENCY			
Frequency range		40~70Hz (50/60Hz Auto-Sensing)	
OUTPUT			
Output voltage		208/220/230/240Vac	
Voltage regulation		±1%	
Power factor		0.9	
Output frequency	Line mode	±10% of the rated frequency	
	Bat. mode	(50/60±0.1%)Hz	
Crest factor		3:1	
Harmonic distortion (THDv)		≤2% Linear load ≤5% Non linear load	
Transfer time	AC mode to Bat.mode	0ms	
	Inverter to Bypass	5ms (Typical)	
Output waveform		Pure Sinewave	
Overload	Line mode	Load≤105% long time running; ≤125% last 10min; ≤130% last 30s; >130% turn to bypass mode immediately	
	Bypass mode	40A (Breaker)	63A (Breaker)
Efficiency		93.5%	
BATTERY			
Battery voltage		192/216/240 Vdc(settable)	
Capacity (Standard unit)		9Ah/12V (7Ah/12V optional)	
Typical recharging time		6~8 hours (to 90% of full capacity)	
Charging current		1A (Standard unit); Long run unit Max.current 8A (Charging current can be set according to battery capacity)	
INDICATORS			
LED display		Line mode,Bat.mode,ECO mode,Bypass mode,Battery low voltage,Overload & UPS fault	
LCD display		Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time	
ALARM			
Battery mode		Beeping every 4 seconds	
Battery low		Beeping every second	
Overload		Beeping twice every second	
Fault		Continously beeping	
PHYSICAL			
Dimension W x D x H (mm)		H:191 x 460 x 337 ; S:191 x 460 x 720 (With wheel)	
Net weight (kg)		69.5	71
ENVIRONMENT			
Operating temperature		0℃~40℃	
Storage temperature		-25℃~55℃	
Humidity range		20~95%RH @ 0~40℃ (Non condensing)	
Altitude		<1500m,derating required when>1500m	
Noise level		<55dB at 1 Meter	<58dB at 1 Meter
STANDARDS			
Safety		IEC/EN62040-1,IEC/EN 62477-1	
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8	

ZIRCON POWER SOLUTION CO., LTD.

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OPERATION TIME (Mon-Fri 08.30-17.30)

SERVICE CENTER

COMPLAINT CENTER

02-970-7575

061-672-8999

HOTLINE

ZIRCON 24 hrs.

082-703-7777