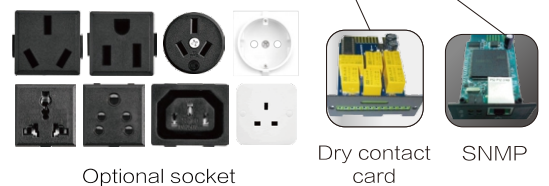
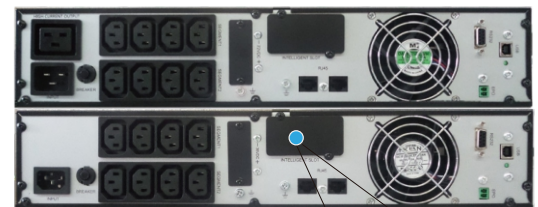
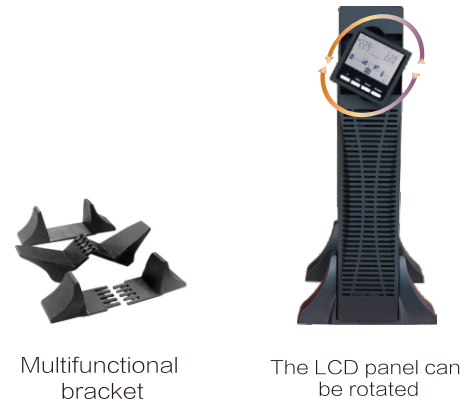




Features

- Rack/Tower convertible design
- Online double conversion with full digital control
- Wide input voltage range: 110~300Vac
- Input power factor 0.99 with PFC
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Versatile LCD human-computer interface
- Multiple communication interface: USB
(RS232/EPO/Dry contact/SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



Technical Specifications:

MODEL	AR-MP1KHRT	AR-MP1KSRT	AR-MP2KHRT	AR-MP2KSRT	AR-MP3KHRT	AR-MP3KSRT							
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW								
INPUT													
Nominal voltage	208/220/230/240Vac												
Input voltage range	110-300Vac (176-280Vac @ 100% load)												
Frequency range	40-70Hz (50/60Hz Auto-Sensing)												
Power factor	≥0.99												
OUTPUT													
Output voltage	208/220/230/240Vac												
Power factor	1.0												
Voltage regulation	± 1%												
Output frequency	Line Mode	46-54Hz or 56-64Hz											
	Bat. Mode	(50/60±0.1%)Hz											
Crest factor	3:1												
Harmonic distortion (THDv)	≤3% Linear load												
	≤5% Non linear load												
Transfer time	AC mode to Bat.Mode	0ms											
	Inverter to Bypass	4ms (Typical)											
Output waveform	Pure Sinewave												
EFFICIENCY													
AC mode	89%		91%		92%								
Battery mode	85%		87%		88%								
BATTERY													
Battery number	2	3	2	3	4	6	4	6	6	8	6		
Capacity (Standard unit)	9Ah/12V												
Typical recharging time	4 hours (to 90% of full capacity)												
Charging voltage	27.4Vdc±1%	41.1Vdc±1%	27.4Vdc±1%	41.1Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	109.6Vdc±1%	82.2Vdc±1%		
Charging current (Max)	6A/12A		1A		6A/12A		1A		6A/12A		1A		
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	Continuously beeping												
PHYSICAL													
Dimension W x D x H (mm)	440 x 325x 86.5			440 x 460 x 86.5		440 x 600 x 86.5		440 x 460 x 86.5		440 x 600 x 86.5			
Net weight (kg)	5.6		11.3		14		10.5		19.5		25	11	26
ENVIRONMENT													
Operating temperature	0°C~40°C												
Storage temperature	-25°C~55°C												
Humidity range	20~95%RH @ 0~40°C (Non condensing)												
Altitude	<1500m,derating required when>1500m												
Noise level	<50dB at 1 Meter												
STANDARDS													
Safety	IEC/EN62040-1,IEC/EN62477-1												
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8												

MP BR 1-3kVA battery pack specification

MODEL	MP BR04024C	MP BR06036C	MP BR08048C	MP BR12072C	MP BR08096C		
BATTERY SYSTEM							
Battery type	VRLA (Lead acid maintenance free battery)						
Typical battery recharging time	6-8 hours (to 90% of full capacity)						
Typical battery life	3-5 years,depend on discharging cycle and ambient temperature						
System voltage	24Vdc	36Vdc	48Vdc	72Vdc	96Vdc		
Charging current (Max)	1.4A						
Battery quantity	4	6	8	12	8		
Capacity	9Ah/12V (7Ah/12V optional)						
PHYSICAL							
Dimension W x D x H (mm)	440 x 430 x 86.5		440 x 550 x 86.5		440 x 710 x 86.5	440 x 550 x 86.5	
Net weight (kg)	17.4		22.5		31.5	44	31.5
ENVIRONMENT							
Safety	CE						
Operating environment	0°C~40°C						
Relative humidity	0~95% (Non condensing)						
Noise level	<40dB at 1 Meter						

Specifications are subject to change without prior notice. When output voltage is 208Vac,need to derate to 80% of the unit capacity.
 Remark: MP BR08048C "MP" means series; "BR" means Battery Rack; "08" means battery number inside the Rack;
 "048" means the battery system voltage; "C" means the Rack coming with charger.