

MHP Series

High Frequency Online UPS

6-10 kVA

1Phase Input/1Phase Output



6/10L

PF1



6/10S

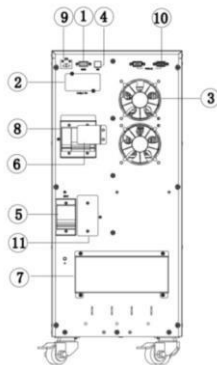
Application

IDC (Internet Data Center), network, servers and workstations, control system, communication system, office, PC etc

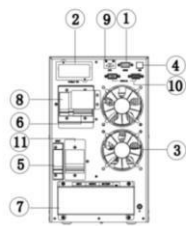
Features

- True online double-conversion technology
- Wide input voltage range
- DSP based technology
- Advanced PFC technology, input PF>99%
- Strong charging capacity
- Lighting and surge protection
- LCD/LED display
- Compatible with the generator

Rear panel



6KS/10KS



6KL/10K

1. RS232
2. Smart slot
3. Fan
4. USB
5. Input breaker
6. Maintenance bypass breaker (optional)
7. Terminal block
8. Output breaker (optional)
9. EPO
10. Parallel kit (optional)
11. Battery breaker (optional)

Model	MHP1106S	MHP1106L	MHP1110S	MHP1110L
Capacity	6kVA/6kW		10kVA/10kW	
Input				
Rated Voltage	208/ 220/230/240Vac, L+N+PE			
Voltage Range	110~300Vac			
Frequency Range	40-70Hz			
Power Factor	≥0.99			
THDi	≤5%(linear load); ≤8%(non-linear load)			
Output				
Rated Voltage	208/220/230/240Vac, L+N+PE			
Voltage Regulation	±1%			
Frequency	50/60Hz±0.1%			
THDu	≤2% (linear load); ≤5% (non-linear Load)			
Transfer Time	Zero			
Waveform	Pure sine wave			
Crest Ratio	3:1			
Overload Capacity (Line Mode)	102%~105% load, 30min; 105%~125% load, 10min; 125%~150% load, 30s; >150% load, 500ms			
Overload Capacity (Battery Mode)	102%~105% load, 10min; 105%~125% load, 1min; 125%~150% load, 10s; >150% load, 500ms			
Battery				
Battery Type	Sealed lead acid maintenance free			
Nominal Voltage	192Vdc / 240Vdc			
Battery Number	7Ah*16/20pcs	External	9Ah*16/20pcs	External
Charge Current	1A	1-12A settable	1A	1-12A settable
Efficiency				
Line Mode	95%			
Battery Mode	94.5%			
ECO Mode	98%			
Communication				
Interface	RS232 / USB/ SNMP card(optional) /Dry contact card (optional)			
Environment				
Operation Temperature	0~40°C			
Humidity	0~95%(non-condensing)			
Noise	≤50dB@1meter away			
Reference Product Standards	IEC/EN 62040-1-1 (Safety), EN 62040-2 (EMC), EN 62040-3 (Performance)			
Altitude	Up to 1000m without derating			
Physical				
Dimensions (W*D*H) mm	250*523*602	190*437*322	250*523*602	190*437*322
Weight (kg)	57/67	10	61.3/71.5	11

All specifications are subject to change without prior notice.