

MHP-R 11 Series

1 – 10 kVA

High Frequency Online UPS

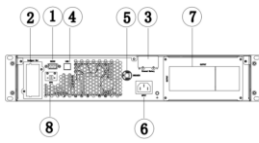
1Phase Input/1Phase Output



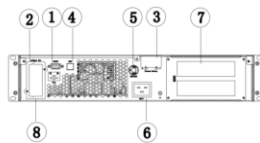
Application

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

Rear Panel

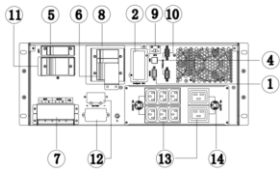


1KS/1KL

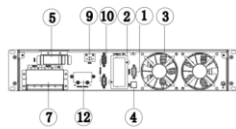


2KS/2KL/3KS/3KL

1. LCD RS232
2. Smart slot
3. External battery connection port
4. USB
5. Input over current protection breaker
6. AC input
7. Output socket



6KS/10KS



6KL/10KL

1. LCD RS232
2. Smart slot
3. Fan
4. USB
5. Input breaker
6. Maintenance bypass breaker
7. Terminal block
8. Output breaker
9. EPO
10. Parallel port
11. Battery breaker
12. External battery connection port
13. Output socket
14. Output over current protection breaker

Features

TM

- True online double-conversion technology
- Wide input voltage range and stable power supply extends battery lifetime
- DSP technology
- Advanced PFC technology, input PF>99%
- Strong charging capacity
- Lighting and surge protection
- LCD/LED display
- Smart RS232 and USB ports with monitoring software
- Support generator connection
- Boost and float charging method

Model	MHP-R1101KS	MHP-R1101KL	MHP-R1102KS	MHP-R1102KL	MHP-R1103KS	MHP-R1103KL
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW	
Input						
Rated Voltage	208/ 220/230/240Vac, L+N+PE					
Voltage Range	110~300Vac					
Frequency Range	40-70Hz					
Power Factor	≥0.99					
THDi	≤4% (linear load); ≤5% (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 Factor	3:1					
Overload Capacity(Line Mode)	102%~110% load, 30min;110%~130% load, 10min;130%~150% load, 30s; >150% load, 200ms					
Overload Capacity (Battery Mode)	102%~110% load, 1min;110%~130% load, 10s;130%~150% load, 3s; >150% load, 200ms					
Efficiency						
Line Mode	94.5%		95.5%		95.5%	
Battery Mode	88.5%		91.5%		91.5%	
ECO Mode	98%					
Battery						
Nominal Voltage	24Vdc/ 36Vdc		48Vdc/ 72Vdc		72Vdc/ 96Vdc	
Battery Number	7Ah*2/*3pcs	External	7Ah*4/6pcs	External	7Ah*6/8pcs	External
Charge Current	1A	1-12A	1A	1-12A	1A	1-12A
Charging mode	Two-period charging					
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					
Altitude	Up to 1000m without derating					
Physical						
Dimensions (W*D*H)mm	440*379*86	440*379*86	440*568*86	440*450*86	440*719*86	440*450*86
Weight (kg)	11.1 /13	6	18.7 /22.5	8	24.4 /27.8	10.8

All specifications are subject to change without prior notice.

Model	MHP-R1106KS	MHP-R1106KL	MHP-R1110KS	MHP-R1110KL
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*16pcs	External	9Ah*16pcs	External
Charging Current	1A	1-12A settable	1A	1-12A settable
Charging mode	Two-period charging			
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			
Altitude	Up to 1000m without derating			
Physical				
Dimensions (W*D*H) mm	440x753x173	440x487x86	440x753x173	440x487x86
Weight (kg)	58	11	61.3	12

All specifications are subject to change without prior notice.