

MHP-R 11 Series

1 – 10 kVA

High Frequency Online UPS

1Phase Input/1Phase Output



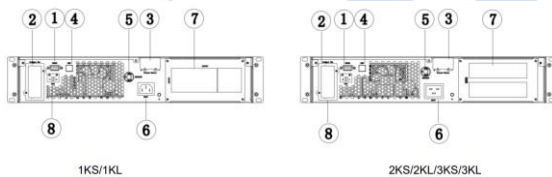
UK
CA



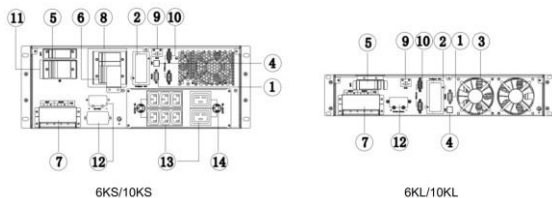
Application

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

Rear Panel



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



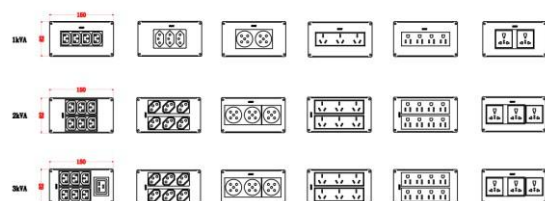
1. LCD RS232
2. Smart slot
3. Fan
4. USB
5. Input breaker
6. Maintenance bypass breaker
7. Terminal block
8. Output breaker
9. EPO
10. Parallel port
11. Battery breaker
12. External battery connection port
13. Output socket
14. Output over current protection breaker

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

Choice of Output Plug



Model	MHP-R 1101S	MHP-R 1101L	MHP-R 1102S	MHP-R 1102L	MHP-R 1103S	MHP-R 1103L	MHP-R 1106S	MHP-R 1106L	MHP-R 1110S	MHP-R 1110L
Capacity	1kVA/1kW		2kVA/2kW		3kVA/3kW		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	≤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%		95%			
Battery Mode	88.5%		91.5%		91.5%		94.5%			
ECO Mode	98%									
Battery										
Nominal Voltage	24Vdc/ 36Vdc		48Vdc/ 72Vdc		72Vdc/ 96Vdc		192Vdc / 240Vdc			
Battery Number	7Ah*2/*3ps	External	7Ah*4/6pcs	External	7Ah*6/8pcs	External	7Ah*16pcs	External	9Ah*16pcs	External
Charge Current	1A	1-12A	1A	1-12A	1A	1-12A	1A	1-12A settable	1A	1-12A settable
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										
	440*379*86	440*379*86	440*450*86/ 440*668*86	440*450*86	440*668*86/ 440*719*86	440*450*86	440*753*173	440*487*86	440*753*173	440*487*86
Weight (kg)	11.1 /13	6	18.7 /22.5	8	24.4 /27.8	10.8	58	11	61.3	12

All specifications are subject to change without prior notice.