

MHP Series

High Frequency Online UPS

1-3 kVA

1Phase Input/1Phase Output



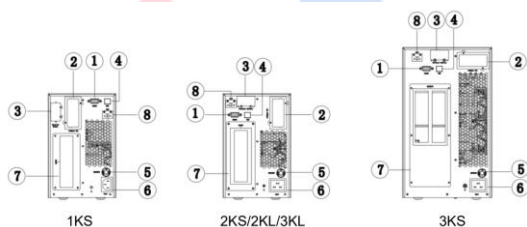
Application

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

Features

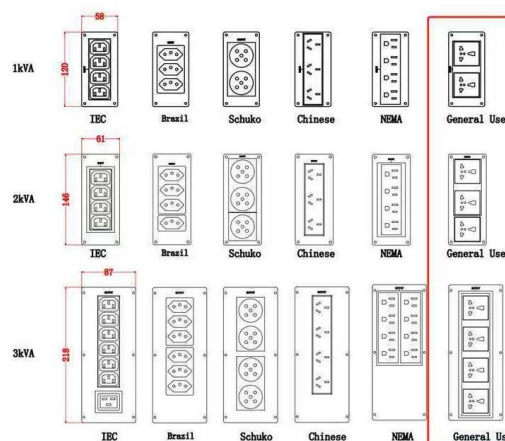
- True online double-conversion technology
- Wide input voltage range
- DSP technology
- Advanced PFC technology, input PF>99%
- Strong charging capacity
- Lightning and surge protection
- LCD/LED display
- Smart RS232 port with monitoring software
- Boost and float charging method

Rear panel



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

Choice of Output Plug



Model	MHP1101S	MHP1101L	MHP1102S	MHP1102L	MHP1103S	MHP1103L
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	36Vdc	48Vdc /72Vdc	72Vdc	72Vdc/96Vdc	96Vdc
Battery Number	7Ah*2 / *3	External	7Ah*4 / *6	External	7Ah*6/*8	External
Charge Current	1A	1-12A settable	1-12A	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℃					
Humidity	0~95%(non-condensing)					
Noise	≤50dB@1meter away					
Altitude	Up to 1000m without derating					
Physical						
Dimensions (W*D*H)mm	145*354*224	145*354*224	190*418*322	145*405*224	190*418*322	145*405*224
Weight (kg)	9 /11	4.5	16.3 /20.2	6	23.5 /27	6.3

All specifications are subject to change without prior notice.