

MHP-T Series

Tower Online UPS with ISO Transformer

6 – 10 kVA

1 Phase Input/1 Phase Output



Product

The MHP-T Series Single Phase Tower UPS is a high-performance power protection solution designed for industries and businesses that demand robust reliability. Equipped with True High Frequency Online UPS technology, it delivers stable and continuous power, shielding critical equipment from disturbances, fluctuations, and outages.

With its Online Double Conversion design, the MHPT Series ensures clean, regulated output with zero transfer time, making it ideal for sensitive and mission-critical applications. Specifically engineered for installations requiring a 220V input, it offers enhanced stability and efficiency.

Advanced battery management, strong charging capability, and built-in surge protection further enhance reliability, making it a trusted choice for industrial, IT, and commercial environments where uninterrupted power is essential.

Applications

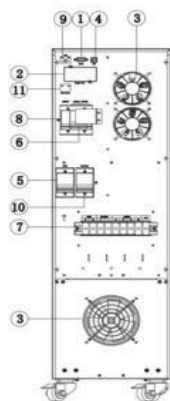
- Internet Data Centers (IDC)
- Network equipment
- Servers and workstations
- Control and communication

Applications

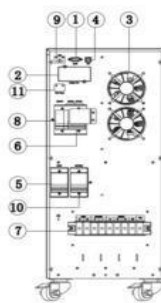
- Office IT infrastructure
- Personal computers and work environments

Features

- True online double-conversion technology
- Wide input voltage range
- DSP-based control technology
- Advanced PFC (input power factor >99%)
- Strong charging capacity
- Lightning and surge protection
- LCD/LED display for real-time monitoring
- Generator-compatible



10S/6S



10L/6L

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

Model	MHP-T 1106S	MHP-T 1106L	MHP-T 1110S	MHP-T 1110L
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, with ISO Transformer			
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, 200ms			
Overload Capacity (Battery Mode)	102%~105% load, 10min; 105%~125% load, 1min; 125%~150% load,10s; >150% load, 200ms			
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	93%			
Battery Mode	92.5%			
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	250*531*855	250*531*604	250*531*855	250*531*604
Weight (kg)	88/96	51	106/116	58

All specifications are subject to change without prior notice.