

# Liebert® MTP 60-200 kVA

Reliable and Compact Monolithic Tower UPS



## Benefits

### Liebert® MTP series is ideally suited for:

- Commercial buildings
- Logistics
- Facilities
- Retail and E-Commerce
- Education institutions
- Financial institutions

### Main advantages:

- Unity output power factor for additional power availability
- Up to 95.5% efficiency in Double Conversion Mode
- Up to 98.5% efficiency in Eco Mode
- Powerful charging capability in minimum battery recharging time
- Wide input voltage range, reducing battery operation and extending battery lifetime
- 0.99 input power factor avoid the over sizing of the supply system
- Integrated switch assembly
- High overload capability
- Scalable up to 4 units with common battery bank
- Integrated communication port for remote monitoring
- 7-inch touch screen LCD display
- Alarm code notification

## *Most Reliable, Super Compact, and Efficient UPS characterise the Liebert® MTP UPS*

Introducing Liebert® MTP UPS, the ultimate power protection solution with its cutting-edge features and high performance, the Liebert® MTP UPS is the answer to all your critical power needs. With high efficiency and a compact footprint, the Liebert® MTP UPS optimizes valuable space while reducing energy costs. With exceptional reliability, this UPS guarantees uninterrupted power to safeguard your critical equipment, preventing costly downtime and data loss. Trust in the power of Liebert® MTP UPS to elevate your business to new heights of efficiency, productivity, and peace of mind.

## Experience power protection like never before!

## Description

The new Liebert® MTP is a monolithic transformer-free UPS, which delivers full active power by providing exceptional power availability to mission-critical applications. The internal Innovative design reduces its footprint to a minimum, providing continuous power protection in a standalone solution, making the Liebert® MTP perfect for IT applications. Liebert® MTP can achieve a remarkable efficiency level of up to 95.5% in proper online double conversion mode. Liebert® MTP can further increase efficiency up to 98.5% by operating in ECO mode. The Liebert® MTP makes your mission-critical space a peaceful place through its enhanced event analysis, voice notifications for alarms, and an intelligent colored multi-language touch screen LCD display. The architecture of Liebert® MTP makes it exceptionally easy to install, connect, operate, maintain, and service, making it ideal for a wide range of small and medium business applications. Liebert® MTP also comes quipped with casters to facilitate ease of movement and relocation. Furthermore, Liebert® MTP features multiple communication ports including dry contacts, SNMP, and Modbus which enables remote monitoring of the UPS system.



60 kVA

100-120 kVA

160-200 kVA

Technical Specifications

Nominal Rating (kVA/kW)	60		100-120		160-200	
Input						
Nominal Input Voltage (V)	380/400/415 VAC 3-Phase, 4 Wire					
Input Voltage Range (V)	110 to 300 VAC @ 50% load; 184 to 276 VAC @ 100% load					
Nominal Input Frequency (Hz)	50/60					
Input Frequency Range (Hz)	40-70					
Input Power Factor (kW/kVA)*	0.99					
Current THD at full linear load (THDi%)*	<4					
Battery						
Battery Type	VRLA					
	1 to 18 A (Adjustable)	36 A (Adjustable)		54 A (Adjustable)		
	32-40					
Output						
Nominal Output Voltage (V)	380/400/415 VAC (3-Phase)					
Nominal Output Frequency (Hz)	50/60					
Maximum Active Power (kW)	60		100-120		160-200	
Voltage Harmonic Distortion (%)	<2% for linear loads <4% for non-linear loads		<2% for linear loads <4% for non-linear loads			
Overload Capacity at 25 °C	100% ~ 110%, 60 min; 111% ~ 125%, 10 min; 126% ~ 150%, 1 min; >150%, 200 ms					
Efficiency						
Double Conversion Mode*	Up to 95.5%					
ECO Mode	Up to 98.5%					
Dimensions and Weight						
Dimensions (D x W x H) in mm	1000 x 320 x 800		1000 x 430 x 1200		1000 x 600 x 1200	
	89		200		265	
General						
Nosie at 1 m (dBA)*	<75					
Operating Temperature (°C)	0 ~ 40					
Relative Humidity (%RH)	0 to 95, non-condensing					
Altitude (m)	0 to 1000 without derating					
Protection level IEC (60529)	IP20					
General and safety requirements for UPS	IEC/EN 62040-1					
EMC requirements for UPS	IEC/EN 62040-2, Category C3					

\* Conditions Apply

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