

Liebert® MTP 60-200 kVA

Reliable and Compact Monolithic Tower UPS



Benefits

Liebert® MTP series is ideally suited for:

- Light Industries
- 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 ⁽¹⁾
- Voice warning⁽²⁾/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 vital 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 80 kVA 100-120 kVA 160-200 kVA

Technical Specifications

Nominal Rating (kVA/kW)	60	80	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			
Charging Current (Max)	1 to 18 A (Adjustable)	2 to 32 A (Adjustable)	36 A (Adjustable)	54 A (Adjustable)
No of Battery Blocks*	32-40			
Output				
Nominal Output Voltage (V)	380/400/415 VAC (3-Phase)			
Nominal Output Frequency (Hz)	50/60			
Maximum Active Power (kW)	60	80	100-120	160-200
Voltage Harmonic Distortion (%)	<2% for linear loads <4% for non-linear loads	<1% for linear loads <5% 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	790 x 360 x 1010	1000 x 430 x 1200	1000 x 600 x 1200
Weight (kg)	89	113	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

(1) For 80 kVA, 5-inch touch screen display

(2) Applicable for 80kVA