

Line-Interactive MTX series

The MTX is a modern line-interactive UPS with a power factor of 0.9. It is available with power ratings of 800, 1100, 1500, 2000, and 3000 VA.

All of the important information about the UPS can be viewed easily on the illuminated LC display. The sleek design of this quiet unit blends seamlessly into any office environment.

To provide uninterruptible power for even longer periods, the capacity of MTX UPS units can be extended by adding external battery packs, available as optional extras.



■ Details



Rear view of MTX 800/1100, 1500, 2000 and 3000



battery pack

Options for extended communication and maximum availability:

- SNMP/web or relay card for monitoring in network environments
- Additional battery modules to provide an uninterruptible power supply for up to several hours
- External manual bypass for planned UPS maintenance work or replacement of the UPS unit without shutting it down

■ Characteristics

- UPS-classification VI-SS-311 (IEC 62040-3)
- Line-Interactive technology
- Sine wave output
- High efficiency (> 97%)
- Automatic frequency detection & self-test
- Automatic restart when mains power is restored
- Cold start function (starting in battery mode)
- Hot-Swap
- Slot for additional (relay contacts / SNMP card)
- Management software
- 24 months' warranty

■ Special features

- Excellent power factor of 0.9
- Equipped with RS-232 and USB port as standard
- Intelligent battery test with a display
- Nearly noiseless (Suitable for office environments)
- Programmable UPS outputs
- External battery packs can be added to all models
- User-friendly illuminated LC display
- Early detection of faults
- Silent ECO mode: When batteries are fully charged, it switches the fan(s) off
- Green Mode: UPS switches off in battery mode if no load is detected

■ Specifications

MTX		800	1100	1500	2000	3000
Power	Power in VA	800	1100	1500	2000	3000
	Power in W	720	990	1350	1800	2700
Autonomy time 100% / 50% load (cos. phi 0.7)	With internal batteries in minutes	7 / 17	5 / 12	7 / 17	5 / 12	6 / 14
	Internal batteries + 1 x battery pack	19 / 45	13 / 31	25 / 60	19 / 45	20 / 48
	Longer autonomy times on request					
Technology	Line-Interactive	VI-SS-311 in accordance with IEC 62040-3				
Phase	Input / Output	1-phase / 1-phase				
Input	Nominal voltage	208/220/230/240 VAC				
	Input voltage range	170-280 VAC				
	Input frequency range	50/60 Hz (Auto-Sensing)				
Output	Output voltage	208/220/230/240 VAC				
	Voltage Regulation	±1.5%				
	Frequency Range	50 Hz or 60 Hz ± 1 Hz				
	Transfer time	2-6 ms typical / 10 ms max.				
	Overload Capability (Line Mode)	< 120% 5 min.				
	Overload Capability (Battery Mode)	< 110% 1 min.				
	Voltage form	sine wave				
Efficiency	Utility mode	max. 97%				
Battery	Type	Maintenance free lead-acid battery				
	Life time	5 years, optional 10 years				
	Charging current (max)	1.5 A				
	Hot-Swappable	yes				
	Recharging time	ca. 6 h / 90% capacity				
Communication	Interface	RS232, USB, EPO				
	Slot for further communication cards	Optional relay contacts or SNMP card				
	Display	Multi language LC-Display				
Dimensions / Weight	Dimensions UPS (H x W x D in mm)	240 x 145 x 376		240 x 145 x 484		338 x 190 x 427
	Dimensions battery pack (HxBxT in mm) optional	240 x 145 x 397				338 x 190 x 416
	Weight (UPS)	12.7 kg	13.1 kg	20.4 kg	21.6 kg	30.5 kg
	Weight (battery pack)	depending on the quantity of batteries				
Terminals	Protection	IP 20 (optionally higher protection class possible)				
	Input	IEC (10 A)			IEC (16 A)	
	Output	8 x IEC C13 (10 A)				8xIEC C13 10A 1xIEC C19 16A
Environmental conditions	Temperature	0°C – 40°C, 20°C recommended				
	Humidity	0-90 % RH @ 0- 40°C (non condensing)				
	Acoustic Noise	Normal mode: nearly noiseless <45 dB Battery-mode / charging < 55dB				
Safety / Enclosure	Safety	EN 62040-1				
	EMC	EN 62040-2, class C2				
	Certifications	CE				