

## Features:

- CPU microprocessor control unit
- AVR – automatic voltage regulation
- Frequency auto-select
- Friendly buzzer
- Startup auto-diagnostic
- Cold start
- Advanced battery management
- Overcurrent protection, low battery voltage protection
- Auto-battery charger in OFF mode
- USB communication port (option)
- Auto recovery after mains supply back

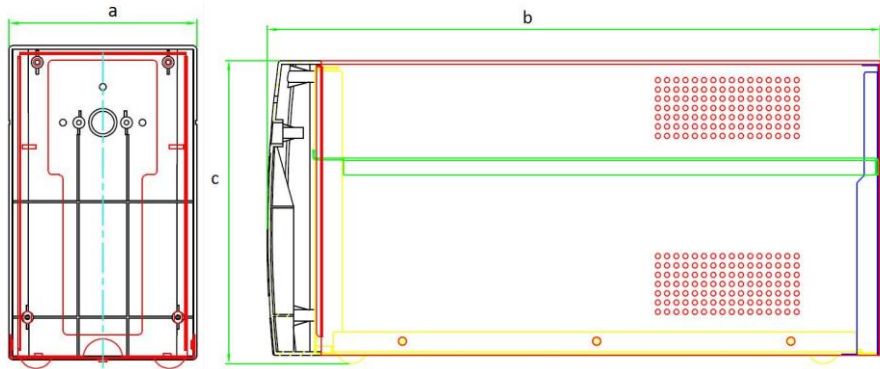
**Application:** Low power telecommunication systems, personal computers , cctv, access control systems, control systems, measuring systems.



**Technical parameters:**

MODEL	TM-LI-0k8-MC-1x9	TM-LI-0k8-MC-1x9-USB
Output power (apparent/active)	800VA/480W	
<b>INPUT</b>		
Rated input voltage	230Vac ± 25%	
Input voltage range	50/60 Hz ± 0,5%Hz	
<b>OUTPUT</b>		
Output voltage	230Vac ± 10%	
Frequency	50/60Hz ± 0,2Hz	
Output waveform	Mains mode: pure sine wave Battery mode: modified sine wave	
Crest factor	3:1	
Transfer time	Typical: 2-7ms, max: 10ms	
Output sockets	2pcs (CEE 7/3 Schuko)	
<b>BATTERY</b>		
Working voltage	12V	
Configuration	1x 12V/7Ah	
Backup time (min.) 100%/75%/50%	2 min / 5min / 8min	
Typical recharge time	6-8 hours for 90% capacity	
<b>PROTECTIONS</b>		
Full protection	Short circuit, overload, low battery	
<b>ENVIRONMENT</b>		
Humidity	20~90% RH @ 0~40°C (non-condensating)	
Noise level	≤ 45 dB	
<b>COMMUNICATIONS</b>		
USB (Standard) /RS-232 (option)	None	Support with Windows®98/2000/2003/XP/Vista/2008/ Windows®7/Windows®8
<b>DIMMENSION &amp; WEIGHT</b>		
Weight netto/brutto (kg)	4,3/4,8	
Lenght/width/height (mm) a / b / c	100/320/165	
Box lenght/width/height (mm)	145/380/230	
Shiping box	3pcs	
<b>STANDARDS</b>		
LVD	EN62040-1:2008	
EMC compability	EN62040-1:2006	
	EN61000-3-2:2006 + A1:2009 + A2:2009	
	EN61000-3-3:2013	

## Technical drawings:



## Standard accessories:

- internal batteries 12V/7Ah
- User manual



## Additional accessories (options):

- RS-232 port
- USB port
- internal batteries MWH 9-12, MW 7.2-12, MWL 7.2-12
- UPSmart software
- USB cables

