

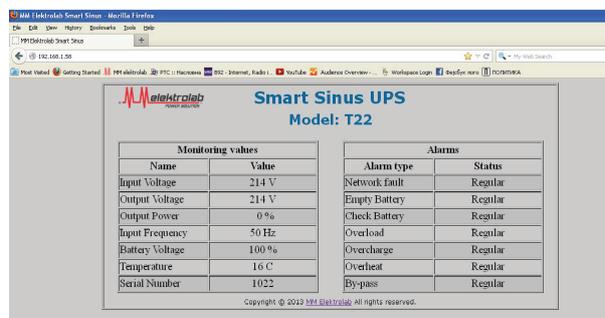


## DESCRIPTION:

- Light Sinus Ups is high quality device, generates a pure Sinusoidal voltage at the output 230V~ +/-5%.
- Carefully selected high quality components from well-known manufacturers.
- Light Sinus Ups is the same as the category Smart Sinus Ups, the difference is in the following characteristics: it is intended to operate on a battery drive 5-8 minutes (Load 100%) or 10-15 minutes (Load 70%) / no ability to extend battery autonomy/ It does not have "Super-charger" (adjustable battery charger).
- Smart technology enables high reliability, fully automated and independent system.
- Long life -UPS life without repairs over 15 years (not applicable for batteries).
- Wide input voltage operation range (min 150V~ - max 290V~ without degrading power).
- Lots of quality protections.
- Saving event+log alarms in real time.
- Unique concept of Service Support, the purchase of our UPS devices gives you special software through which our product is directly connected via the Internet to the service mail of our company.
- Advanced UPS monitoring software that has the unique concept of generating its own local area network between a UPS device and one or more computers / servers.
- In situations where the mains voltage disappears and the battery is discharged or any alarms occur, UPS before shutting down, executes at the same time shutting down operating systems on all computers / servers, then the UPS device shuts off. In the event of a power failure or any alarm, the UPS sends alerts on monitors of all computers.



- An option of installing a LAN card with SNMP and HTTP protocols, which allows real-time monitoring of UPS devices anywhere in the country and abroad.

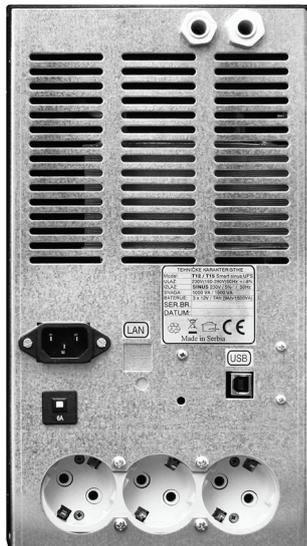


**TECHNICAL DATA:**

<b>MODEL:</b>	<b>T15L</b>	<b>T22LA</b>	<b>T22LB</b>	<b>T22LC</b>
Power:	1500 VA 1000 W	2000 VA 1400 W	2000 VA 1400 W	2000 VA 1400 W
<b>INPUT:</b>				
Nominal Voltage:	230V (min 150V – max 290V without degrading power)			
Frequency:	50Hz +/- 10 %			
<b>OUTPUT:</b>				
Connection:	Schuko CEE7 x 3			
Nominal Voltage:	230V +/- 5 %			
Wave form:	Wave form:			
Frequency:	50Hz +/- 0,01%			
Transfer time:	0 msec			
By-pass:	NO			
Efficiency:	92% (Load=100%)			
Topology:	Double conversion			
<b>PROTECTIONS:</b>				
Protections:	Short circuit at the output / Overload / Overcharge batteries / Deep batteries discharge / Overvoltage-Undervoltage on the UPS Input / Overvoltage-Undervoltage on the UPS Output / Overheating.			
<b>INDICATOR:</b>				
Front panel:	Alfa-numeric display 4x20 character with back light, measurement: -Input/Output voltage, Input frequency, Batteries voltage (V), Charging / Discharging battery %, Output power (VA/%), Work time on batteries, Ups status, Log alarm, Event alarm, Real time-calendar, Charge current battery, Ambiental and Heatsink temperature. -Button On-Off , Parameter setting			
<b>BATTERIES:</b>				
Battery number and model:	12V 9 Ah x 3 pcs (36V)	12V/12Ah x 3 pcs (36V)	12V/9Ah x 4 pcs (48V)	12V/12Ah x 4 pcs (48V)
Charger:	Digital, with IU characteristics and temperature compensation.			
Expanding work autonomy:	No			
Charging time:	6-8h			
Autonomy:	5 minutes / 100% output power	5 minutes / 100% output power	6 minutes / 100% output power	8 minutes / 100% output power
<b>COMMUNICATION:</b>				
Communication:	USB / Option LAN (+Software)			

<b>SAFETY STANDARDS:</b>				
LVD conformity :	EN 60950			
EMC conformity:	EN 62040-2:2006			
<b>DIMENSIONS:</b>				
Height:	32 cm	32 cm	32 cm	32 cm
Width:	17 cm	17 cm	17 cm	17 cm
Depth:	54 cm	54 cm	54 cm	54 cm
<b>GENERAL:</b>				
Green power:	Yes, adjustable			
Self test battery:	Yes (10-90days and 1-60min adjustable)			
Voltage distortion:	<3%			
Operating temperature range:	-20°C to +65°C			
IP class:	IP 21			
Safety mark:	CE			
Weight:	21 kg	25 kg	24 kg	29 kg
<b>WARRANTY:</b>				
Warranty:	Ups 5 years / Battery 2 years			

**REAR SIDE:**



**T15L  
T22LA  
T22LB  
T22LC**

<b>MODEL:</b>	<b>T30L</b>	<b>T42L</b>	<b>T52L</b>	<b>T82L</b>
Power:	3000 VA 2100 W	4000 VA 2800 W	5000 VA 3500 W	8000 VA 6400 W
<b>INPUT:</b>				
Nominal Voltage:	230V (min 150V – max 290V without degrading power)			
Connection::	Schuko			Hardwire 3-wire (1ph+N+G)
Frequency:	50Hz +/- 10 %			
<b>OUTPUT:</b>				
Connection:	Schuko CEE7 x 3			Hardwire 3-wire (1ph+N+G) Schuko CEE7 x 3
Nominal Voltage:	230V +/- 5 %			
Wave form:	Wave form:			
Frequency:	50Hz +/- 0,01%			
Wave form:	0 msec			
By-pass:	NO	YES, automatically		
Efficiency:	92% (Load=100%)			
Topology:	Double conversion			
<b>PROTECTIONS:</b>				
Protections:	Short circuit at the output / Overload / Overcharge batteries / Deep batteries discharge / Overvoltage-Undervoltage on the UPS Input / Overvoltage-Undervoltage on the UPS Output / Overheating.			
<b>INDICATOR:</b>				
Front panel:	Alfa-numeric display 4x20 character with back light, measurement: -Input/Output voltage,Input frequency,Batteries voltage (V), Charging / Discharging battery %,Output power (VA/%), Work time on batteries,Ups status,Log alarm,Event alarm,Real time-calendar,Charge current battery, Ambiantal and Heatsink temperature. -Button On-Off , Parameter setting			
<b>BATTERIES:</b>				
Battery number and model:	12V/12Ahx 4 pcs (48V)	12V/9Ah x 12 pcs (48V)	12V/9Ah x 12 pcs (48V)	12V/45Ah x 4 pcs (48V)
Charger:	Digital,with IU characteristics and temperature compesation.			
Expanding work autonomy:	No			
Charging time:	6-8h			
Autonomy:	5 minutes/ 100% output power	8 minutes/ 100% output power	5 minutes/ 100% output power	5 minutes / 100% output power
<b>COMMUNICATION:</b>				
Communication:	USB / Option LAN (+Software)			

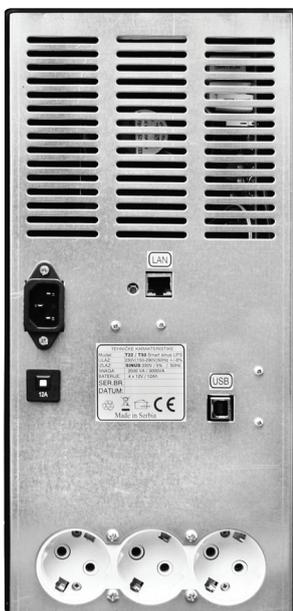
SAFETY STANDARDS:				
LVD conformity :	EN 60950			
EMC conformity:	EN 62040-2:2006			
DIMENSIONS:				
Height:	37 cm	62 cm	62 cm	52 cm
Width:	17 cm	17 cm	17 cm	22 cm
Depth:	54 cm	54 cm	54 cm	74 cm
GENERAL:				
Green power:	Yes, adjustable			
Self test battery:	Yes (10-90days and 1-60min adjustable)			
Voltage distortion:	<3%			
Operating temperature range:	-20°C to +65°C			
IP class:	IP 21			
Safety mark:	CE			
Weight:	36 kg	74 kg	74 kg	109 kg
WARRANTY:				
Warranty:	Ups 5 years / Battery 2 years			

**REAR SIDE:**

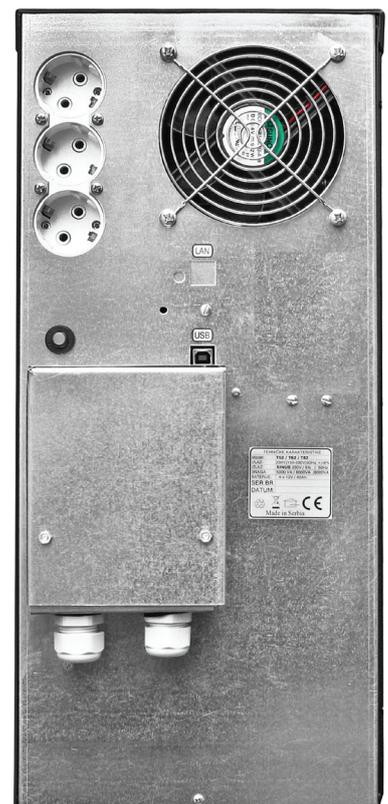
**T42L  
T52L**



**T30L**



**T82L**



<b>MODEL:</b>	<b>R30L</b>	<b>R52L</b>	<b>R72L</b>
Power:	3000 VA 2100 W	5000 VA 3500 W	7000 VA 5000 W
<b>INPUT:</b>			
Nominal Voltage:	230V (min 150V – max 290V without degrading power)		
Connection:	Schuko		Hardwire 3-wire (1ph+N+G)
Frequency:	50Hz +/- 10 %		
<b>OUTPUT:</b>			
Connection:	Schuko CEE7 x 3		Hardwire 3-wire (1ph+N+G) Schuko CEE7 x 3
Nominal Voltage:	230V +/- 5 %		
Wave form:	Čist SINUS		
Frequency:	50Hz +/- 0,01%		
Vreme transfera:	0 msec		
By-pass:	NO	YES, automatically	
Efficiency:	92% (Load=100%)		
Topology:	Double conversion		
<b>PROTECTIONS:</b>			
Protections:	Short circuit at the output / Overload / Overcharge batteries / Deep batteries discharge / Overvoltage-Undervoltage on the UPS Input / Overvoltage-Undervoltage on the UPS Output / Overheating.		
<b>INDICATOR:</b>			
Front panel:	Alfa-numeric display 4x20 character with back light, measurement: -Input/Output voltage,Input frequency,Batteries voltage (V), Charging / Discharging battery %,Output power (VA/%), Work time on batteries,Ups status,Log alarm,Event alarm,Real time-calendar,Charge current battery, Ambiantal and Heatsink temperature. -Button On-Off , Parameter setting		
<b>BATTERIES:</b>			
Battery number and model:	12V/12Ahx 4 pcs (48V)	12V/9Ah x 8 pcs (48V)	12V/9Ah x 16 pcs (48V)
Charger:	igital,with IU characteristics and temperature compesation.		
Expanding work autonomy:	No		
Charging time:	6-8h		
Autonomy:	5 minutes / 100% output power	5 minutes / 80% output power	5 minutes / 100% output power
<b>COMMUNICATION:</b>			
Communication:	USB / Option LAN (+Software)		

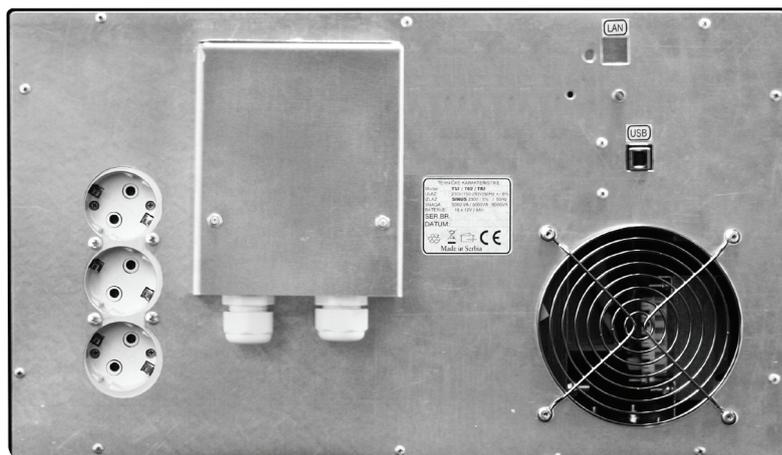
<b>SAFETY STANDARDS:</b>			
LVD conformity :	EN 60950		
EMC conformity:	EN 62040-2:2006		
<b>DIMENSIONS:</b>			
Height	15 cm	17,5 cm	27 cm
Width:	44/48 cm	44/48 cm	44/48 cm
Depth:	50 cm	60 cm	60 cm
<b>OPŠTE:</b>			
Green power:	Yes, adjustable		
Self test battery:	Yes (10-90days and 1-60min adjustable)		
Voltage distortion:	<3%		
Operating temperature range:	-20°C to +65°C		
IP class:	IP 21		
Safety mark:	CE		
Weight:	36 kg	60 kg	95 kg
<b>WARRANTY:</b>			
Warranty:	Ups 5 years / Battery 2 years		

**REAR SIDE:**

**R30L  
R52L**



**R72L**



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