

WARRANTY  
**3**  
YEAR

  
**elektrolab**  
POWER SOLUTION  
[www.ups-napajanja.rs](http://www.ups-napajanja.rs)

**Smart Sinus CATV Ups**  
**C22 / 2000VA**



- Pure Sine wave output
- Real time clock
- Adjustable battery charger
- Output voltage tolerance +/- 5%
- Wide input voltage operation range (150V~ - 290V~)
- Start without battery
- Doccis and LAN supported
- Printed circuit boards are protected from moisture
- Carefully selected high quality components from well-known manufacturers
- Robust design for extreme conditions
- Long lifetime without reparation

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CE

**DESCRIPTION:**

Model C22 / 2000VA is high quality smart sinus ups, generates a pure Sinusoidal voltage at the output 220V~ / 63V~ / 48V~, ideal for cable operators or for other applications, work in extreme environmental conditions (dust, humidity, temperature -40C to + 60C), a large number of protection. Saving event+log alarms in real time, control via LAN and DOCSIS communication. Showing all parameters on the alpha-numeric display with backlight. It can work and turn on without batteries, ideal option when the batteries are bad.

**TECHNICAL DATA:**

<b>MODEL:</b>	<b>C22</b>
Power:	2000 VA /1400 W (valid for all outputs)
<b>INPUT:</b>	
Nominal Voltage:	230v~ (min 150Vac ~ max 290Vac)
Frequency:	50Hz +/- 10 %
<b>OUTPUT:</b>	
Nominal Voltage out 1:	63 ili 48V +/-5%
Current out 1:	Max 22 A
Nominal Voltage out 2:	230V +/- 5 %
Wave form:	Pure Sine wave
Frequency:	50Hz +/- 0,01%
Transfer time:	2 msec
Efficiency on main operation:	87%
<b>PROTECTIONS:</b>	
Protections:	Excessive battery discharge; Overcurrent: short circuit output; Battery overcharged; Reverse battery polarity; Overvoltage output; Under voltage output; Internal thermo protection; Overload main: 150% for 15 seconds

**INDICATOR:**

Front panel:	Alfa-numeric display 4x20 character with back light and measurement: input/output voltage; input frequency; batteries voltage (V); Ambiental and heatsink temperature (C) Charging / Discharging battery % Charge / Discharge current battery (A) Output power (%) Real time-calendar, ups status Button on/off , parameter setting Iout 48V / 63V~ Event alarm Log alarm
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**BATTERIES:**

Charger:	Digital adjustable in the range 26Ah- 100Ah
Nominal voltage battery:	48Vdc (charging 53,2V)
Self-Test Battery:	YES (10-90days and 1-60min adjustable)
Start without batteries:	YES (with choice: enable/disable)
Temperature compensation:	YES

**COMMUNICATION:**

Communication:	OPTIONAL LAN slot with HTTP, SNMP
Remote monitoring:	OPTIONAL cable modem module designed for Docsis2.0&EuroDOCSIS2.0

**SAFETY STANDARDS:**

LVD confirmity :	EN 60950
EMC confirmity:	EN 62040-2:2006

**DIMENSIONS:**

Height:	20 cm
Widht:	51,5 cm
Depth:	32 cm

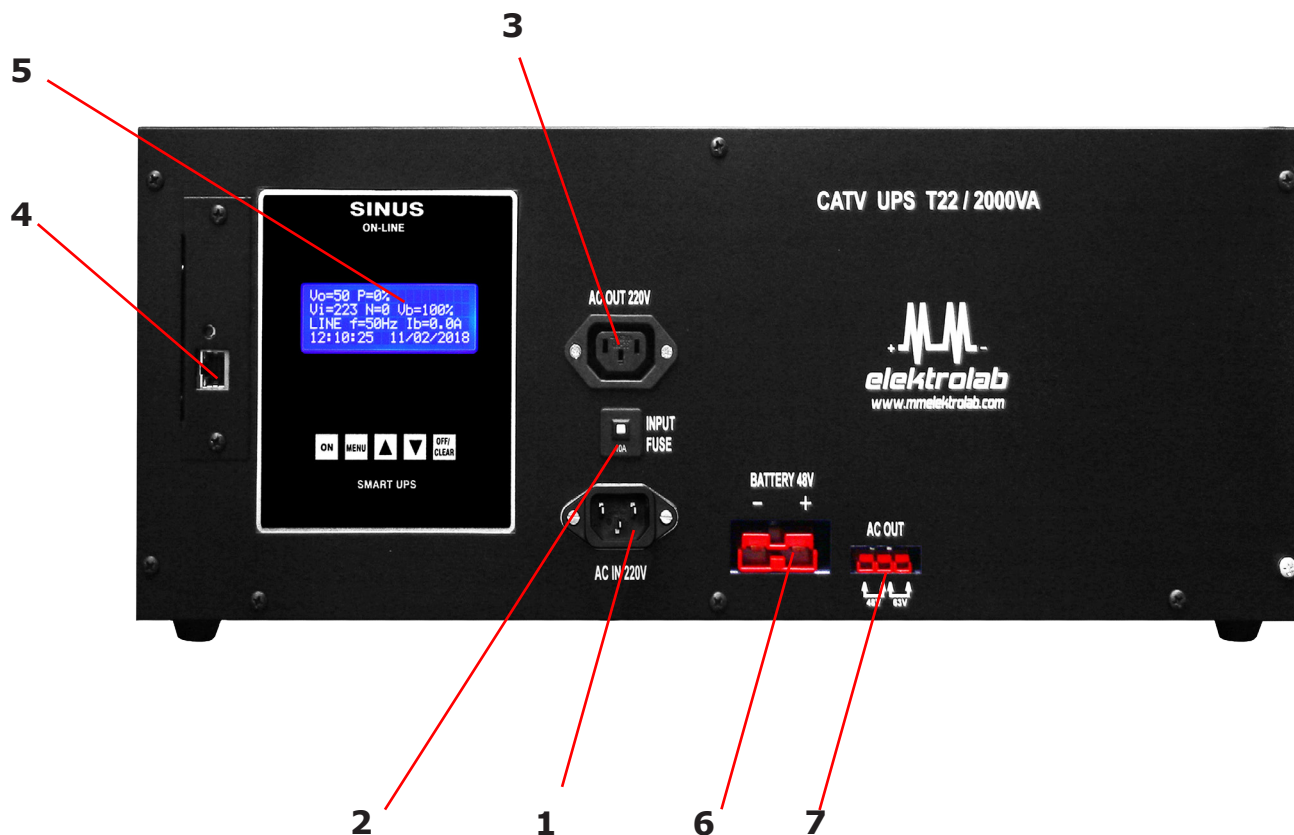
**GENERAL:**

Operating temperature range:	-40°C to +60°C
IP class:	IP 20
Voltage distortion:	<5% (3-5%)
Safety mark:	CE
Weight:	32,2 kg

**WARRANTY:**

Warranty:	3year
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**CONNECTION SCHEDULE:**



1. Power connector 220 VAC
2. Power fuse
3. Output connector 220 VAC
4. LAN communication
5. Alfa-numeric display
6. Connector for external batteries 48V
7. Output connector 63V or 48 VAC



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