

WARRANTY
3
YEAR

elektrolab
POWER SOLUTION
www.ups-napajanja.rs

Smart Sinus CATV Ups C3 / 300VA



- 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 C3 / 300VA 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:

| | |
|-------------------------------|--|
| MODEL: | C3 |
| Power: | 300 VA /300 W (valid for all outputs) |
| INPUT: | |
| Nominal Voltage: | 230v~ (min 150Vac ~ max 290Vac) |
| Frequency: | 50Hz +/- 10 % |
| OUTPUT: | |
| Nominal Voltage out 1: | 63 ili 48V +/-5% |
| Current out 1: | Max 5 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% |
| PROTECTIONS: | |
| 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 |
|--------------|---|

BATTERIES:

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|---------------------------|---|
| Charger: | Digital adjustable in the range 26Ah- 100Ah |
| Nominal voltage battery: | 12Vdc (charging 13,3V) |
| Self-Test Battery: | YES (10-90days and 1-60min adjustable) |
| Start without batteries: | YES (with choice: enable/disable) |
| Temperature compensation: | YES |

COMMUNICATION:

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

SAFETY STANDARDS:

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

DIMENSIONS:

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|---------|-------|
| Height: | 22 cm |
| Widht: | 37 cm |
| Depth: | 22 cm |

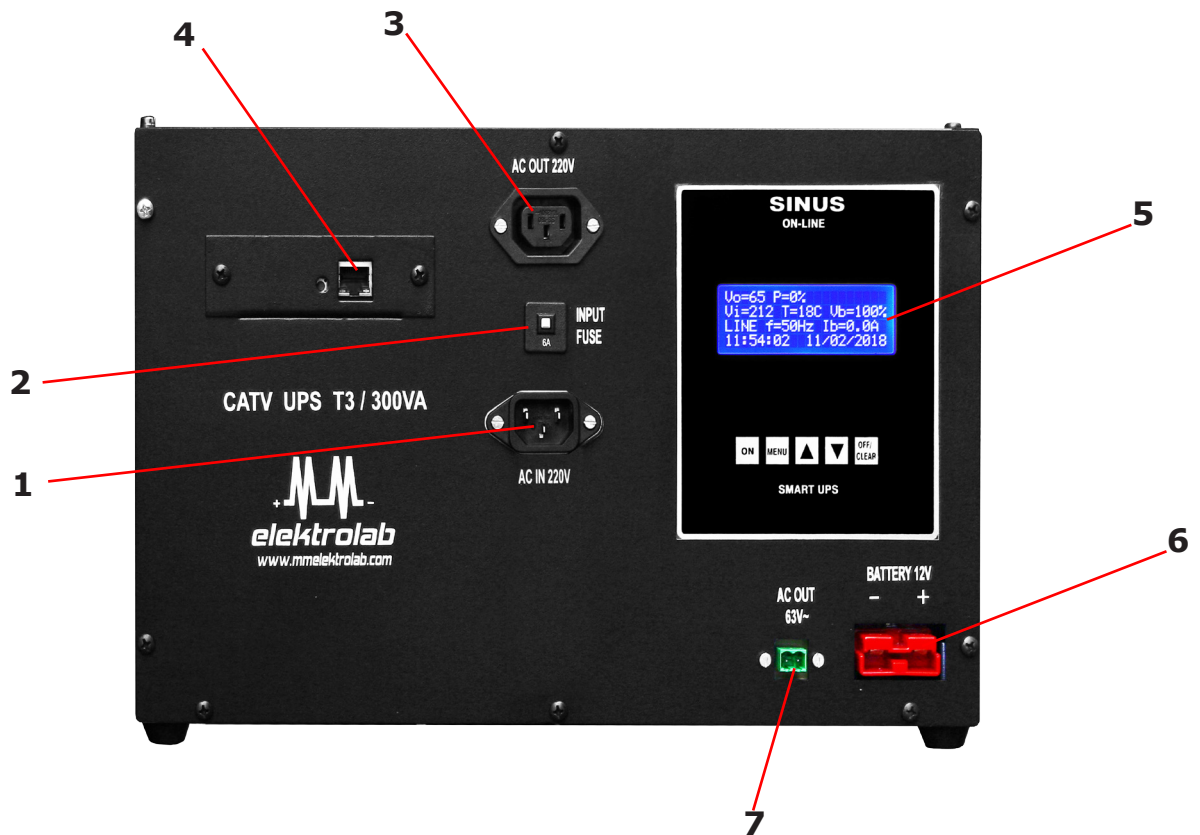
GENERAL:

| | |
|------------------------------|----------------|
| Operating temperature range: | -40°C to +60°C |
| IP class: | IP 20 |
| Voltage distortion: | <5% (3-5%) |
| Safety mark: | CE |
| Weight: | 14,9 kg |

WARRANTY:

| | |
|-----------|-------|
| Warranty: | 3year |
|-----------|-------|

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 12V
7. Output connector 63V or 48 VAC