

CREATION S2 No-Break



UPS
Microprocessed



CM COMANDOS LINEARES®

MAIN FEATURES

Microprocessed Sine Wave UPS

Compatible with all types of sensitive loads and the most demanding applications.

Tower or Rack 19" Mount (except bivolt version)

Compact and standard 19-inch, 2U high, it can be rack-mounted or upright, with supplied side supports.

LCD Liquid Crystal Display

It displays operating status, measurement, and alarm information intuitively.

Internal Stabilizer

In network mode it allows a wide allowable range of input variation.

Front Battery Access (except bivolt version)

In case of replacement, this feature allows easy access for battery maintenance (authorized technicians only).



Horizontal Mounting
Rack 19 Pol



Back view



Front view

TECHNICAL SPECIFICATIONS

Technology

- Microprocessed Sine Wave UPS
- DSP Microprocessor Digital Control
- Pure Sinusoidal Waveform
- High Frequency PWM Inverter
- Ready to Operate - Plug & Play Installation
- Isolation Transformer

Input

- **Voltage:**
 - 115V / 120V / 127V (selectable)
 - 220V (standard)
 - Bivolt 120/220V
- **Permissible Variation:**
 - $\pm 25\%$ of the nominal voltage
- **Frequency:** 60 Hz
- **Permissible Frequency Range:**
 - $\pm 5\%$
- **Setting:**
 - Single-phase F + N + T

Batteries

- **Composition:**
 - 24 VDC - 1.5 kVA
 - 48 VDC - 2.0 kVA
 - 48 VDC - 3.0 kVA (except dual voltage version)
- **Recharge system:** controlled, automatic
- **Recharge Time:** 8 to 10 hours for 90% charge
- **Type:** sealed, maintenance-free
- **Signaling:**
 - LCD Display
 - » Available Network
 - » Battery Mode
 - » Load Level
 - » Battery Level
 - » Input Voltage
 - » Output Voltage
 - » Overload
 - » Low Battery
 - » Failure

Output

- **Voltage:**
 - 115V / 120V / 127V (selectable)
 - 120V (for bivolt version)
 - 220V (standard)
- **Available Power:**
 - 1,5 kVA - 0.99 kW
 - 2,0 kVA - 1.30 kW
 - 3,0 kVA - 1.80 kW
- **Static Regulation:** $\pm 2\%$ nominal battery mode
- **Frequency:** 60 Hz
- **Frequency Variation:**
 - $\pm 1\text{Hz}$ in battery mode
- **Network Synchronization:** Yes
- **Setting:**
 - Single-phase F + N + T
- **Waveform:** Sinusoidal
- **THD Harmonic Distortion:**
 - 2% linear load
 - 5% non-linear load
- **Crest factor:** 3:1
- **Short Circuit Protection:** Yes
- **Cold Start:** Yes

Physical and Mechanical Features

- Compact Dimensions
- Metal Enclosure
 - Standard 19 Inch 2U Rack and Tower
 - Front panel in ABS
 - Black epoxy-powder paint finish
 - Heat and anti-corrosion treatment
- **Electrical Connections:**
 - Input Power Cord with Plug
 - Output 5 Sockets 2 Pins + Ground
- Forced ventilation
- **Communication Port:**
 - RS232 Serial - Female DB9
 - Optional SNMP slot
 - USP

Alarms

- **Processor controlled**
- **Sound Alarms:**
 - » Network Lack - one beep every 10 seconds
 - » Low Battery - one beep every 2 seconds
 - » Overload - one beep every second
 - » Failure - continuous beep

Electrical Protections

- Overload
- Low Battery Discharge
- Battery Overload

Operating Characteristics

- Audible Noise: less than 45 dBA @ 1 meter
- MTBF (Mean Time Between Failures): 30,000 hours
- MTTR (Mean Time to Repair): 60 minutes
- Room temperature:
 - Batteries: 0°C to 30°C
 - UPS: 0°C to 40°C
 - Recommended: 20°C and 25°C
- Relative Humidity:
 - 0% to 90% non-condensing
 - Recommended: 45% a 55%
- Altitude: up to 1,000m
- Recommended Environment Type:
 - Internal, sheltered installation
 - Atmosphere: clean, free of conductive particles, liquids, toxic and flammable gases
- Protection type: IP-20

Tower or Rack 19" Mount

Model	Power kVA	Physical Sizing Ht x W x D mm	Weight (with batteries)
1500	1,5	88 X 438 X 410	14
2000	2,0	88 X 438 X 510	20
3000	3,0	88 X 438 X 510	22



Sistema de
Sustentabilidade Auditado



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