



The UPS PCSX series, Line Interactive pseudo sine wave, is designed to feed loads such as personal computers, DVR, TV and devices such as satellite receivers, digital terrestrial, and small appliances.

The UPS PCSX series, are available in models 450-650-800-1000-1500-2000VA.

## PRINCIPLE OF WORKING

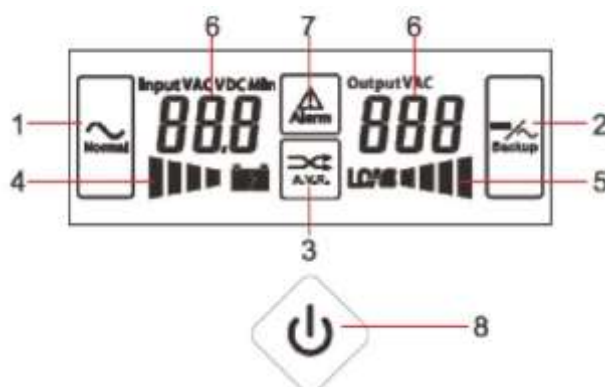
The load is fed from the mains through an AVR to stabilize brownout, sag and surge voltages, and EMI filters to suppress spikes and transients. When the mains fails, the load is supplied by the apparatus with a pseudo sine wave through the energy fed by the battery; the free software, to download from our web site, allows to active the programmable download of the informatics users fed.

## GENERAL CHARACTERISTICS

- Microprocessor-based digital control
- Built-in AVR
- Wide input voltage and frequency window
- Automatically charging battery with off UPS.
- Cold start function
- Device to prevent complete battery discharge
- Auto restart function
- LCD display and audible alarm features
- Autosensing input frequency 50Hz or 60Hz
- RJ-11/RJ-45 surge protection as option
- USB interface
- Software available for main OS

## CONTROL PANEL

The front LCD panel is provided with the following commands and signaling:



1. Line Mode
2. Battery mode
3. AVR mode
4. Battery capacity
5. Load level
6. Measurement
7. Fault
8. Tack switch for Turn-on/Turn-off

**INTERFACES**

The PCSX series has a communication port USB as standard and a serial RS232 socket and telephone socket RJ11 / RJ45 which guarantees the protection of the telephone line / modem from over voltages optional.

The software supplied on request, is able to provide information even in case of failure, as well as program the UPS to turn off automatically. Available in customized versions for all major operating systems for Windows, Apple, Linux ...

**REAR PANEL**

- Input connector
- Output sockets IEC
- USB interface
- RJ11 / RJ45 Modem / LAN optional protection
- ON / OFF switch
- Fuse.



Model	PCSX450	PCSX650	PCSX800	PCSX1000	PCSX1500	PCSX2000
Rated power VA/W	450/270	650/380	800/500	1000/600	1500/900	2000/1200

INPUT	
Nominal voltage	230V (160-290Vac) single phase
Nominal frequency	50Hz or 60Hz $\pm$ 10%

OUTPUT	
Voltage battery mode	220/230/240V $\pm$ 10% single phase
Frequency battery mode	50/60Hz $\pm$ 1%
Transfer time	2-6 msec (typical)
Waveform	Simulated sinewave

BATTERY	
Type	VRLA without maintenance
Recharge time	4 ~ 6h at 90%
Battery capacity	1x 5Ah    1x 7Ah    1x 9Ah    2x 7Ah    2x 7Ah    2x 9Ah
Battery voltage	12V    12V    12V    24V    24V    24V

PARAMETERS	
LCD display	AC mode, AVR mode, battery mode, battery level, load level, input voltage, output voltage, fault and battery weak
Audible or Visual	Battery mode, battery low, overload, system fault
Protection	Overload, short circuit, discharge, overcharge and optional RJ-11/RJ-45 surge protection
DC start	YES
Auto restart	YES
Working temperature	0-40°C
Humidity	< 95% without condensing
Altitude	1000m without derating
Noise @ 1m	$\leq$ 40 dBA
Fan ventilation	NO    NO    NO    YES    YES    YES
Input plug	1 x IEC 10A
Output sockets	4x IEC-320-C13 (10 A)    4x IEC-320-C13 (10A) + 1x Schuko
Interfaces	USB (cable excluded)
Included in the package	1x input cable schuko 10A, 1x output cable IEC 10A
Dimensions	100x292x140mm    148x315x198mm
Weight	3.6kgs    4.5kgs    5kgs    8kgs    11.5kgs    12kgs

STANDARDS	
Safety	EN 62040-1-1
Performance	EN 62040-3
EMC	EN 62040-2, EN 61000-3-2, EN 61000-3-3

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