

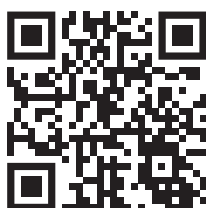


Complete Power Solution™

COMPLETE POWER SOLUTIONS OF PROTECTING YOUR EQUIPMENT



powercom.ua



facebook.com/powercom.ua



Facts and figures about POWERCOM

of successful work
on the market of Ukraine

23
YEARS

1000
TIMES

Our goods have won more
than in tenders



share in the overall structure of
sales of Uninterruptible Power
Supply in 2020

30%

40

service partners on the
territory of Ukraine



Let's get to know each other

**Official distributor of POWERCOM brand in Ukraine — “EXIM-STANDART” LLC
08122, Camper – Group building, Mriya, Kyiv Region, Ukraine**

- Our team consists of professionals who like their job.
- 1200 sq. m of own storage space
- Modern demo hall
- Established logistics system
- Service center with spare parts warehouse



OUR KEY CLIENTS

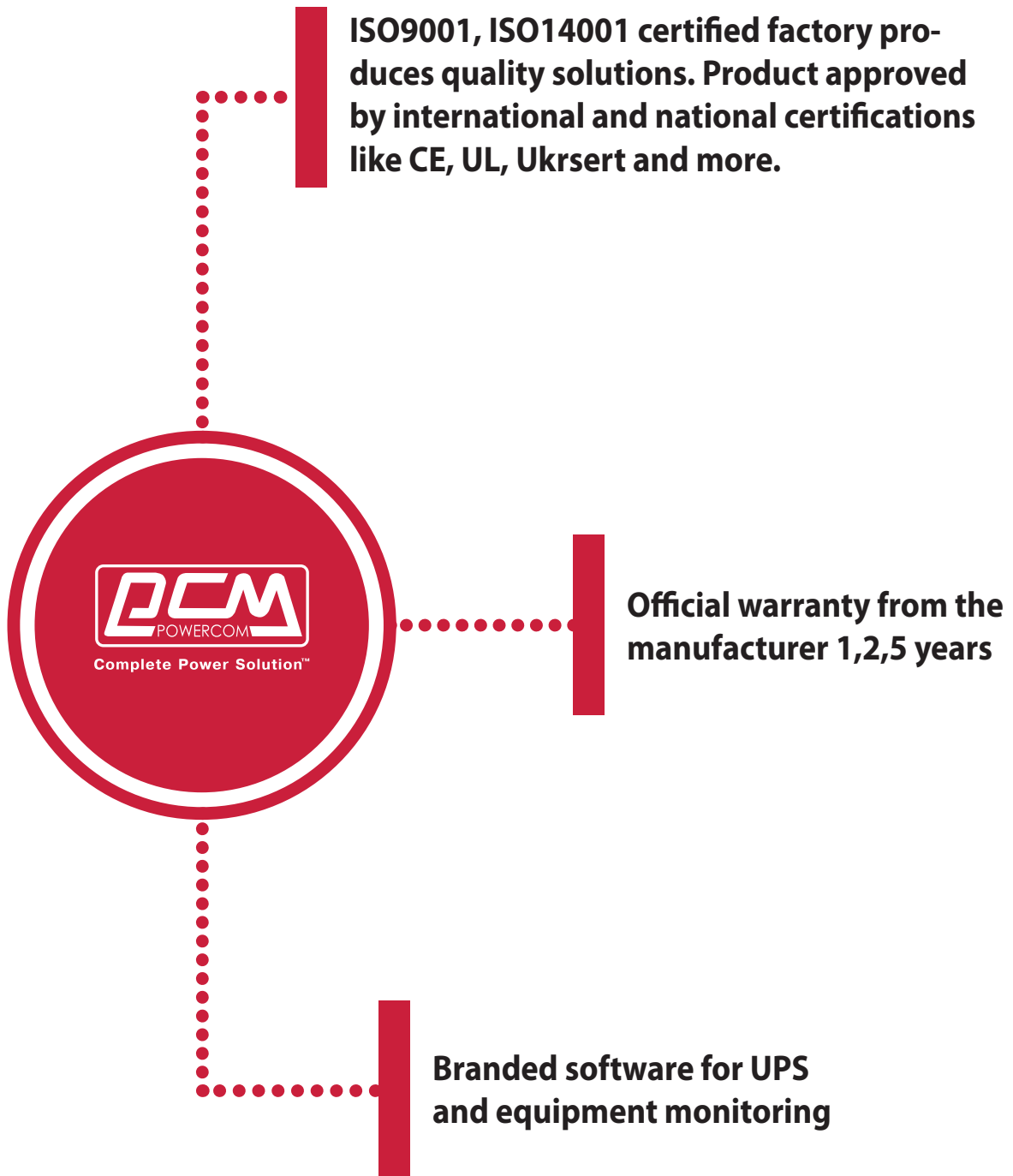


POWER IN:

- Manufacturing enterprises
- Data centers
- Educational institutions
- Banks
- Medical
- Trade
- Transport
- Governmental agencies
- Network service providers
- Individual PCs



WHY CUSTOMERS PREFER POWERCOM PRODUCTS



TOP NINE PROBLEMS OF WITH POWER SUPPLY WHICH CAN SOLVE POWERCOM



1. A total loss of utility power

Can be caused by a number of events: lightning strikes, downed power lines, grid over-demands, accidents and natural disasters. It will cause a sudden shutdown without UPS.

2. Power sags

Triggered by the startup of large loads, utility switching, utility equipment failure, lightning, and power service being insufficient to meet demand. In addition to causing equipment crashes, power sags can also damage hardware.

3. Voltage surge

Short-term increase in voltage, due to such a lightning strike nearby.

4. Low voltage

It can last from a few minutes to a few days. Usually triggered by overload.

5. High voltage

It can last from a few minutes to a few days. Triggered by a rapid reduction in power loads, heavy equipment being turned off, or by utility switching. Can result in damage to hardware.

6. Signal noise

Triggered by the startup of large loads. Noise can cause sensitive equipment to malfunction.

7. A change in frequency stability

Resulting from generator or small co-generation sites being loaded and unloaded. Frequency variation can cause erratic operation, data loss, system crashes and equipment damage.

8. Instantaneous under-voltage (notch)

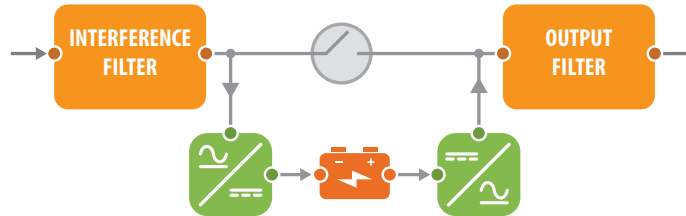
Normal duration is shorter than a spike and generally falls in the range of nanoseconds.

9. Distortion of the normal line waveform, generally transmitted by nonlinear loads

Switch mode power supplies, variable speed motors and drives, copiers and fax machines are examples of non-linear loads. Can cause communication errors, overheating and hardware damage.

TOPOLOGY OF UPS AND LEVELS OF PROTECTION

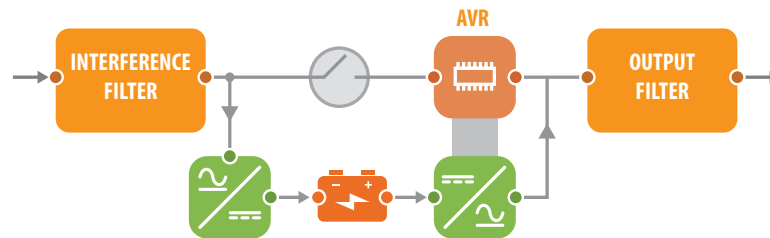
Standby (basic level)



A standby UPS resorts to battery backup power in the event of common power problems such as a blackout, voltage sag, or voltage surge. When incoming utility power drops below or surges above safe voltage levels, the UPS switches to DC battery power and then inverts it to AC power to run connected equipment. These models are designed for consumer electronics, entry-level computers, POS systems, security systems, and other basic electronic equipment.

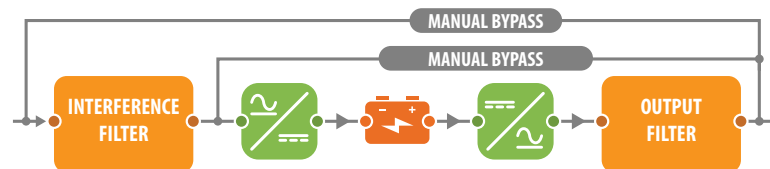
Off-line

Line interactive UPS (improved protection)



An incorporates technology which allows it to correct minor power fluctuations (under-voltages and over voltages) without switching to battery. This type of UPS has an autotransformer that regulates low voltages (e.g., brownouts) and over voltages (e.g., swells) without having to switch to battery. Line interactive UPS models are typically used for consumer electronics, PCs, gaming systems, home theater electronics, network equipment, and entry-to-mid-range servers. They provide power during such events as a blackout, voltage sag, voltage surge, or over-voltage.

A double-conversion (online) UPS (absolute protection)



Provides consistent, clean, and near perfect power regardless of the condition of incoming power. This UPS converts incoming AC power to DC, and then back to AC. UPS systems with this technology operate on isolated DC power 100 percent of the time and have a zero transfer time because they never need to switch to DC power. Double-conversion UPS systems are designed to protect mission-critical IT equipment, data center installations, high-end servers, large telecom installations and storage applications, and advanced network equipment from damage caused by a power blackout, voltage sag, voltage surge, over voltage, voltage spike, frequency noise, frequency variation, or harmonic distortion.

CUB



Capacity 450-1000VA

- Output receptacle option
- Automatic Voltage Regulator
- Communication protection
- USB port
- ECO mode
- Wall Mounting Design



WOW



Capacity 300-1000VA

- Compact size
- Output receptacle option
- Automatic Voltage Regulator
- Communication protection
- ECO mode
- "Hot Swap" batteries



SPD



Capacity 450-1000VA

- Output receptacle option
- Automatic Voltage Regulator
- LCD indicator
- Wall Mounting Design
- Overload and short circuit protection



RPT



Capacity

600, 1000, 1025, 1500, 2000 VA

- Automatic Voltage Regulator
- Energy Saving Green Topology
- Cold start function
- Overload and short circuit protection
- Communication protection
- Simple and clear LCD Indicator



IMD



Capacity

525, 625, 825, 1025, 1200, 1500, 2000, 3000 BA

- Automatic Voltage Regulator
- Energy Saving Green Topology
- Cold start function
- Overload and short circuit protection
- "Hot Swap" batteries
- USB port
- LCD Indicator



KIN RM LCD



Capacity

525, 625, 825, 1025, 1200, 1500, 2000, 3000 VA

- Rack mountable UPS
- Automatic Voltage Regulator
- Microprocessor control
- Energy Saving Green Topology
- Cold Start Function
- Overload and short circuit protection
- RS-232 port
- Communication protection
- LCD Indicator



SPR



Capacity

1000, 1500, 2000, 3000 VA

- Pure Sinewave Output
- Rack and Tower type
- Automatic Voltage Regulator
- Microprocessor control
- Energy Saving Green Topology
- Cold Start Function
- USBport, RS-232, dry contacts
- Overload and short circuit protection



SRT LCD



Capacity

1000, 1500, 3000 VA

- Pure Sinewave Output
- Rack and Tower type
- Automatic Voltage Regulator
- Microprocessor control
- Energy Saving Green Topology
- Cold start function
- USBport, RS-232, dry contacts, EPO function
- Overload and short circuit protection
- LCD indicator



SPT LCD



Capacity

700, 1000, 1500, 2000, 3000 VA

- Pure Sinewave Output
- Automatic Voltage Regulator
- Microprocessor control
- Energy Saving Green Topology
- Cold start function
- USB port, RS-232, port for SNMP adapter
- Communication protection
- Overload and short circuit protection
- LCD indicator



MACAN Series



Capacity

1000, 1500, 2000, 3000 VA/Bt

- Pure Sinewave Output
- Output Power Factor 1.0
- UPS with double conversion and zero transfer time to battery
- Microprocessor control
- Energy Saving Green Topology
- Additional battery packs can be connected
- USB port, RS-232, dry contacts, port for SNMP adapter, EPO
- LCD indicator



VRT



Capacity

1000, 1500, 2000, 3000 VA

- Pure Sinewave Output
- Rack and Tower type
- UPS with double conversion and zero transfer time to battery
- Microprocessor control
- Energy Saving Green Topology
- Additional battery packs can be connected
- USB port, RS-232, dry contacts, port for SNMP adapter, EPO
- Communication protection



TC UPS

Capacity

650-3000 VA

- Industrial Grade Operating Temperature (-37° to +74°C);
- Programmable Dry Contacts and Built-in AVR;
- Flexible Communication Methods;
- Real-time and Clear Monitoring System;
- Battery Options and Further Applications;
- Extra Functions and Ports;
- Generator and Inverter Modes Available.



For long autonomous work

INF

for householders, cooler system and pumps

Capacity

500, 800, 1100, 1500 VA

- Pure Sinewave Output
- Built-in Automatic Voltage Regulator
- Extra batteries connectable
- Overload and short circuit protection
- USB port
- LCD indicator



For uninterruptible power supply of data centers and industrial enterprises

Vanguard M II (VGD-II M)

Modular UPS

Capacity

20-600 kVA

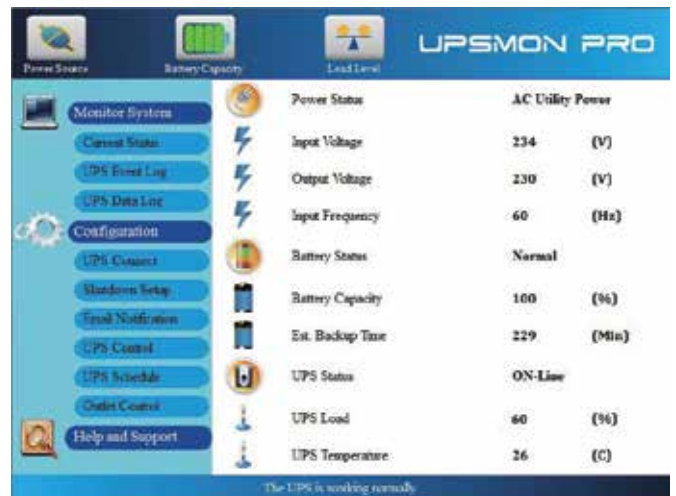
- The highest level of protection for medium and high level facilities
- 3 phase modular UPS
- Power modules capacity: R (10/15/25 kVA) or M (25/30/40/50 kVA)
- Management is built on a DSP-processor
- Vertical and horizontal expansion with a step of 10 or 25 kVA
- N + 1 scheme at the module level
- Touch screen
- Easy to install and maintain



UPSMON Monitor Management

Individual PC

Suitable for all versions of Windows-based OS, Linux has a built-in web server for remote access, supports USB / RS-232 / SNMP connection.



Mobile APP

Mobile application
Software for Android, IOS platform for monitoring the parameters of the electrical network, UPS operating modes and battery status.



**Official distributor of POWERCOM brand
in Ukraine — “EXIM-STANDART” LLC**

08122, Camper – Group building, Mriya, Kyiv Region, Ukraine



powercom.ua



facebook.com/powercom.ua



Camper Group

C4Q7+5Q

Мрія, Київська обл.

A3C
Motto