



UPS SYSTEM

**CRAFTING CONNECTIVITY
SHAPING FUTURISTIC SOLUTIONS**

www.netconenterprise.com

ABOUT AS

Netcon Enterprise Private Limited provides a wide variety of UPS systems designed to meet the unique needs of any industry, from small businesses to large industrial operations. Our systems ensure reliable backup power, protecting critical equipment and data from outages, voltage fluctuations, and surges. Engineered for high energy efficiency, our UPS units help reduce energy consumption and operational costs over time. Their compact, space-saving designs make them ideal for environments with limited space.



Global Standards Compliance

With IEC certifications and CE marking, our products comply with international safety and quality standards, ensuring reliability and regulatory adherence.

Durable and Long-lasting

Built with high-quality components, these UPS systems are designed for longevity and require minimal maintenance.

Expert Support

Robust technical support and after-sales service ensure swift resolution of any issues, minimizing downtime and keeping your operations running smoothly.

Line Interactive UPS

This UPS is designed for personal computers with multiple functions. Its lightweight, compact design fits well in limited working environments. Equipped with one boost and one buck AVR, it stabilizes input voltage. A built-in DC start function allows operation without AC power. The online UPS supplies seamless backup power during outages and unsafe voltage fluctuations, providing protection from surges and spikes.



Wide input
Range



Power
Factor



Selectable
Output



ECO



Interface
(optional)



Features

- Internal self-diagnostic technology
- Auto restart while AC is recovering
- Cold start function and Off-mode charging
- Fast intelligent battery recharge function
- Offering LED and LCD panels for selections
- Generator compatible (Optional)
- USB / RS232 communication port and RJ11 / RJ45 protection (Optional)

1-3KVA Rack/Floor mount Online UPS

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial use. Online UPS units supply seamless backup power during outages and voltage fluctuations, along with protection from surges and spikes. Available in tower or rack mount types, these UPS options include various standard features, making them ideal for data protection and maintaining connectivity.



Wide input
Range



Power
Factor



Double
Conversion



Rack/
Tower



IFR



Hot
swappable



Selectable
Output



ECO



Interface
(optional)

Features

- Full digital control
- Wide input voltage range: 110~300Vac
- Smart charger design for optimized battery performance
- Emergency power off function (EPO)
- ECO mode operation for energy saving
- Generator compatible
- Hot-Swappable battery design
- Cold start & Intelligent fan speed regulation
- Versatile LCD human-computer interface
- Multiple communication interface: RS232 (USB / EPO / Relay card / SNMP card optional)
- Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm



6-10KVA Rack Mount Online UPS

Guaranteed power and surge protection for connected equipment and devices suitable for business and commercial use. The online UPS supplies seamless backup power during outages and unsafe voltage fluctuations, while providing protection from surges and spikes. UPS ranges are available in 'Tower' or 'Rack mount' types to suit various applications, featuring standard options that ensure data protection and connectivity.



Features

- Full digital control
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Cold start & Intelligent fan speed regulation
- Multiple communication interface: RS232 / RS485 / EPO / Output port / Maintain-AUXSWS port (Relay card / SNMP card / BMS optional)

1-3KVA Floor Mount UPS

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial use. Online UPS units deliver seamless backup power during outages and voltage fluctuations while offering protection from surges and spikes. Available in tower or rack mount types, these UPS options feature various standard features, making them ideal for data protection and maintaining connectivity.



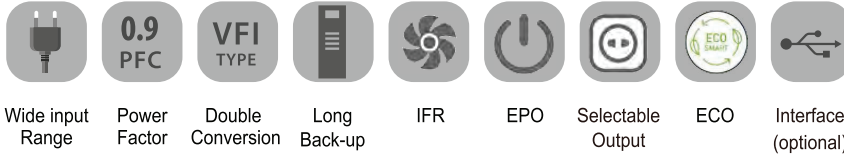
Features

- Full digital control
- Selectable output voltage: 208 / 220 / 230 / 240 Vac
- Smart charger design for optimized battery performance
- Emergency power off function
- ECO mode operation for energy saving
- Generator compatible
- Cold start and Intelligent fan speed regulation
- Multiple communication interface: RS232 (USB / EPO / Relay card / SNMP card optional)
- Versatile LCD human-computer interface



6-10KVA Tower Type

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial purposes. Online UPS provides seamless backup power during outages and voltage fluctuations, along with protection from surges and spikes. Available in 'Tower' or 'Rack mount' types, these UPS ranges offer a variety of standard features, making them ideal for protecting data and maintaining connectivity.

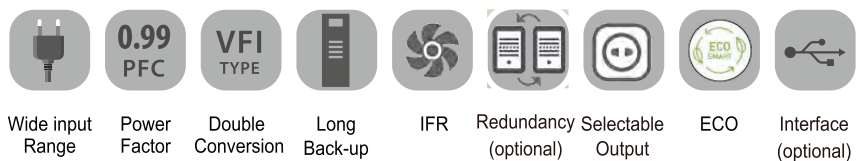


Features

- Full digital control
- Wide input voltage range:110~286Vac
- Generator compatible
- ECO mode operation for energy saving
- Self-testing when UPS startup
- Multiple communication interface:RS232 / USB / EPO
- (Relay card / SNMP card optional)
- Design with maintenance switch (Optional)
- Cold start and Intelligent fan speed regulation
- Multiple protection function:short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm

10-20KVA Tower Type

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial use. Online UPS supplies seamless backup power during outages and unsafe voltage fluctuations, while providing protection from surges and spikes. UPS ranges are available in 'Tower' or 'Rack mount' types to suit various applications, with a variety of standard features, making them the perfect choice to protect data and ensure continuous connectivity.



Features

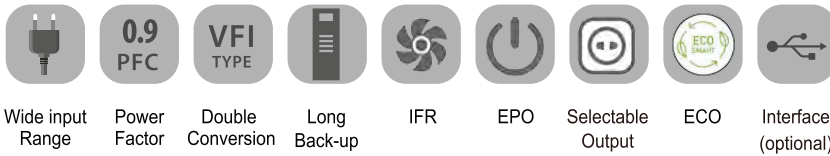
- Full digital control
- Wide input voltage range:208~478Vac
- Maximum charging current up to 20A (Settable)
- Generator compatible
- ECO mode operation for energy saving
- Design with Maintenance switch
- Cold start & Intelligent fan speed regulation
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Versatile LCD human-computer interface
- Colorful 2.4 inch TFT LCD display and 7 inch LCD display LCD are optional
- Multiple communication interface: RS232 / USB / EPO
- (Relay card / SNMP card / Parallel kit optional)



10-40KVA 3/3 Tower UPS

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial use. Online UPS supplies seamless backup power during outages and unsafe voltage fluctuations, while providing protection from surges and spikes.

UPS ranges are available in 'Tower' or 'Rack mount' types to suit various applications, with a variety of standard features, making them the perfect choice to protect data and ensure continuous connectivity.



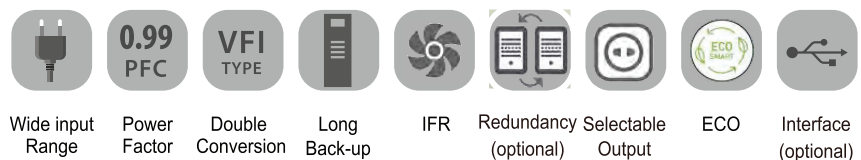
Features

- N+X parallel redundancy, support maximum 4 units in parallel
- Full digital control
- Wide input voltage range: 208~478Vac
- Maximum charging current up to 20A (Settable)
- Dual input source (optional for standard unit)
- Colorful 2.4 inch TFT LCD display and 7 inch LCD display LCD are optional
- Versatile LCD human-computer interface
- Generator compatible
- ECO mode operation for energy saving
- Cold start and Intelligent fan speed regulation
- Self-testing when UPS startup
- 50/60Hz frequency converter mode
- Multiple communication interface: USB, RS232, RS485, Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional),
- Battery temperature sensor (Optional)
- GBT Technology



50-200KVA UPS

Guaranteed power and surge protection for connected equipment and devices, suitable for business and commercial use. Online UPS units offer seamless backup power during outages and unsafe voltage fluctuations, along with protection from surges and spikes. Available in tower or rack mount types to suit various applications, these units feature various options to protect data and maintain connectivity.



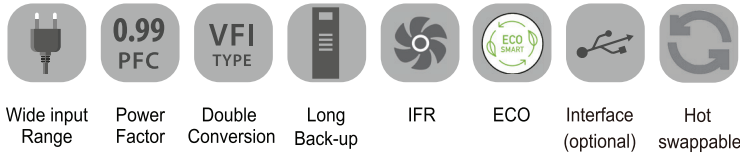
Features

- **High Reliability Design** - Wide input voltage range 138-485Vac
- **Power Saving** - 3-level inverter topology, the efficiency can be up to 95.5%
- **Parallel redundancy function** - Support sharing batteries for the UPS in parallel
- **Strong load capacity and Compatible with generator**
- **LBS Function** - 2 independent UPS system work in synchronization, and it enhances the
- **Reliability of the system**
- **Intelligent management** - Support USB, RS485, RS232, SNMP, dry contact card



Modular UPS

Consists of independent UPS modules, each with its own battery, inverter, and necessary components for providing backup power to connected devices or systems. The design offers advantages like scalability for easy expansion, making it suitable for businesses with changing power requirements. Redundancy ensures uninterrupted operation, simplifying maintenance tasks and reducing downtime. Efficiency is optimized by adjusting the number of active modules based on current power demand. Suitable for data centers, telecommunications facilities, and other critical applications requiring reliable backup power.



Features

- All units use a modular design, with power, bypass, and monitoring modules easily integrated.
- Power, bypass, monitoring, and ECU control modules are all hot-swappable.
- Voltage range is 138-485V, with derating to 40% when input drops below 305V.
- Uses a digital bus and redundant parallel control to ensure continuous operation, even in the event of a circuit failure
- Keep on single or parallel working, if any module fail.
- Thickened conformal coating, applicable for harsh environment such as high heat, high humidity, dust.
- Green and power saving
- **LBS Function** - 2 independent UPS system work in synchronization, and it enhances the reliability of the system.
- **VRLA & Lithium Battery Supportable**

Outdoor UPS

Designed for outdoor communication and networking equipment, traffic control systems, and other applications in city corners, countryside, or mountainous areas. High temperature resistance, frost resistance, corrosion resistance, dust prevention, and water resistance. Advanced functions include wide input voltage and frequency range, high reliability, energy saving, environmental protection, anti-thunder, remote control, and remote detection. Guarantees stable power supply to communication, networking, traffic control, and other devices. An ideal helpmate for running important outdoor devices.

Features

- Strong environment adaptability
- IP class can reach to IP55
- Internal battery warehouse
- Wide adaptability to power grid
- Unattended and intelligent monitoring (Optional)
- Comprehensive protection function
- Fan scheme/air conditioning scheme is optional (in case of air conditioning failure, when the temperature in the cabinet reaches 40 C, the emergency temperature control fan will be forced to start)



Transformer Based Industrial UPS

Offers low-frequency systems that ensure compatibility with various loads, providing higher reliability and efficiency. Commonly used in critical applications like data centers, medical facilities, and industrial environments, low-frequency UPS features include higher power capacity compared to high-frequency units, greater surge capacity for sudden power demands, improved voltage regulation for stable and clean power supply, and enhanced reliability to withstand harsh conditions.

These systems are preferred in applications where reliability, capacity, and load compatibility are essential.



Wide input Range



Power Factor



Overload protection



Long Back-up



IFR



ECO



Interface (optional)



Battery cold start function



Features

Online double conversion - UPS switches between working modes without output interruption, ensuring continuous power to the load.

- **Full DSP Control** - Makes the whole system more stable and reliable.
- **High power factor** – Help reduce the harmonic pollution to the Grid and lower the UPS running cost
- **Optimized battery management** – Advanced battery auto float/boost charge technology, reduces the frequency of battery maintenance, greatly improves the battery efficiency and extends battery life. Battery discharge time prediction, Battery self-test and Flexible battery voltage configuration
- **N+X parallel redundancy** - In a parallel system, if one unit fails, it automatically cuts off output, allowing remaining units to power the load

STS (Static Transfer Switch)

Mainly used for switching between two power supplies, an automatic switching system chooses one power supply.

In normal operation, the load connects to the main power supply. If it fails, the load switches to the backup power supply automatically. When the main power supply is restored, the load switches back automatically.

A thyristor module (SCR) is used and acts as the switching device for power-free switching between input power supplies.

This system is utilized in high-end uninterruptible power supply applications, such as computer rooms, Internet data centers, telecommunications, financial data centers, and industrial process control centers.



Features

- **DSP full digital control technology**, with the feature of strong anti-interference

Netcon Battery Cabinets

Designed for VRLA batteries in the capacity range 7/9AH. Available in different heights and capacities for UPS, telecom and other applications. Flexible battery configuration and rack system are widely used in parallel applications.



1KVA~3KVA Battery Bank



6KVA~10KVA Battery Bank

Features

- Meets IEC standards for spare battery access and maintenance.
- High protection against wear and corrosion
- Fire resistant
- Insulated, durable design supports multiple or smaller capacity batteries.
- High reliability, maintenance free structure, fast mounting
- Superior mechanical properties, high carrying capacity
- Easy transport and installation
- Improved thermal design enhances efficiency and battery longevity.

Wide Temperature Range UPS

Designed for industrial-grade power protection. Widely applicable to outdoor equipment

Features a wide operating temperature range of -37°C to +74°C with no derating.

To meet harsh operating environments, Netcon UPS operates within the temperature range of -37°C to +74°C, ensuring full protection for critical devices without derating at extreme temperatures.

6 Outputs and 1 input programmable dry contact, provided to user for better power management and accident resilience



Features

- Generator mode compatibility
- Inverter mode
- Enhanced Power Management Ability
- Built-in AVR function
- Programmable Dry contacts
- Accurate message Delivery with display



Wide input
Range



Power
Factor



Selectable
Output



ECO



Interface
(optional)

Valve regulated Lead Crystal Battery

Solar Battery

LifePO4 Battery

Gel Battery

OPzV/OPzS Battery

Engineered for exceptional performance, efficiency, and durability, these products serve as an ideal choice for both residential and commercial applications.

Focusing on renewable energy, Netcon's solar batteries are designed to store energy efficiently, ensuring a stable power supply.

Applications - Solar street lights, LED street lights, solar batteries and UPS batteries, solar panels, lead valve regulated crystal batteries, solar controllers, solar home lighting kits, and more.



Features

- Sealed Construction - Separate battery rooms or ventilation systems simplify installation and improve safety.
- Absorbed Glass Mat (AGM) Technology - Holds electrolyte in place to prevent leakage and allows operation in any position without acid spillage.
- Advanced Lead-Calcium Alloy Plates - Enhance battery life, reduce emissions, and improve charge retention.
- Pressure Relief Valves - Releases excess gas to prevent pressure build-up and extend battery life.
- High Purity Electrolyte - Reduces sulfation rate and extends battery lifespan.
- Robust Casing - Protects internal components from harsh environments.
- Float and Boost Charging Compatibility and Compact Design.

High Temperature Gel Battery

High Rate Max Range VRLA 18-250 Ah

Designed to cope with the most extreme temperatures and environments, this energy solution is ideal for Uninterruptible Power Supply (UPS), emergency lighting, switchgear, and other high-rate emergency battery backup applications.

Offers high performance and reliability in fast discharge situations. Advanced triple-stage terminal sealing ensures leak-free operation, features a one-way relief valve, and is explosion-resistant.



Features

- Thick optimized positive plate provides 12 years at 35°C (95°F) and 15 years at 25°C (77°F).
- Nano-Carbon enhanced for improved durability
- Corrosion-resistant
- High-Compression Absorbed Glass Mat technology (AGM) for greater than 99% recombination efficiency
- Advanced deep cycle high-tin lead alloy reduces grid corrosion and extends battery life.
- Anti-high-temperature casing materials
- Standard: Reinforced anti-high temperature
- Optional: Flame-retardant U.L.94 V-0
- Up to 100% air conditioner maintenance saving

Lithium Battery

Engineered for exceptional performance, safety, and durability, the battery pack offers an excellent power-to-weight ratio, ideal for applications such as industrial equipment and renewable energy storage, whether powering high-efficiency systems or providing robust backup solutions.

Advanced battery management systems (BMS) ensure optimal performance and longevity, providing reliable power in challenging conditions.

Features

- Operates in environments from -20 to 60°C with humidity below 95%.
- Compact, lightweight, and easy to install with simple maintenance, saving on initial and future costs.
- BMS protects against over-discharge, over-charge, over-current, high temperatures, and low temperatures, ensuring battery pack safety.
- Automatic charge and discharge management
- Below alarm voltage, an alert sounds; the system powers down at very low voltage.
- Current and temperature detection, short circuit protection, and passive balancing functions.



VRLA AGM Sealed Lead Acid Battery

Used in applications such as Telecom Control Equipments, UPS systems, Inverter, Power Equipments, Standby Backup and Emergency Power System



Features

- 30% more cyclic life through innovation at the PAM additives
- Long Life expectancy of 10 years in floating condition
- Thick flat plate with high Tin Low Calcium alloy
- Excellent deep Discharge recovery capability
- Deep cycle performance: up to 700 cycles @ 50% DOD

Nickle - Cadmium battery

The applications include sub-stations, trains, control systems, UPS/EPS and power plants, railway signaling, emergency lighting, and telecommunications. Over 20 years of service life in stationary applications with IEC60623 standards.

Features

- Medium discharge rate design
- High tolerance to electrical abuses such as overcharge and over discharge.
- Highly tolerant to rough handling and mechanical abuse due to robust construction. High tolerance to electrical abuses like overcharging and over-discharging.
- Trouble-free long cycle life.
- No risk of sudden failure due to cell chemistry and structure.
- Ample electrolyte reserve for extended maintenance intervals.



Pole / Wall Mount Outdoor UPS

Designed for outdoor communication and networking equipment, traffic control systems, and other applications in city corners, countryside, or mountainous areas. High temperature resistance, frost resistance, corrosion resistance, dust prevention, and water resistance. Advanced functions include wide input voltage and frequency range, high reliability, energy saving, environmental protection, anti-thunder, remote control, and remote detection.



Wide input
Range



Power
Factor



Double
Conversion



IP55



Selectable
Output



Interface
(optional)

Features

- Boost & Buck AVR: Stabilizes voltage
- Auto Restart resumes operation when power returns
- Lightning Protection prevents surge damage to equipment.
- Network Monitor Card – remote monitoring and management
- Super Smart Charger: Shortens battery charging time.
- Built to endure: IP-rated for dust, water & extreme temperature
- Supports Lithium-Ion or VRLA for flexible backup needs.



Outdoor Smart Solar Powered Box

NETCON outdoor smart solar box powered by a solar battery and equipped with an MPPT controller, circuit breaker, SPD, inverter, and other essential components. It is designed for outdoor applications and can be used for surveillance monitoring, forest monitoring, and various other remote power needs.



Features

- Solar Input : <100V DC solar input (above battery voltage)
- DC Output : 3×12V, remote control, voltage/current monitoring
- AC Output : 2×240V UK sockets, remote control, monitoring
- MPPT Controller : solar and battery management
- Outdoor Design : Waterproof, rust-resistant, durable



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