



renobat

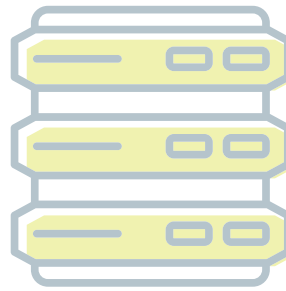
energy solutions



UNINTERRUPTED POWER SUPPLY SYSTEMS

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Convinced of what we do



We aim to offer the maximum protection and durability to the most sensitive equipment to electrical failures, adapting to the business needs of our clients.

We have a team of highly experienced professionals who have unlimited technical resources.

We diagnose your UPS systems and accumulators at no cost to know their status and to be able to offer the best solution if necessary.

We provide service in all phases of the product's life cycle, from its design to its replacement or recycling, thus offering better performance and useful life.

We are the perfect partner for companies that are involved in providing a high quality service and product to their clients and users.

Our service is a guarantee of maximum protection, safety, reliability and availability in the electrical supply for our clients' equipment.

Life Cycle Phases

Design

- Location
- Necessary equipment

Planning

- Acquisitions
- Construction
- Tasks

Execution

- Installation
- Start up

Maintenance

- Remote maintenance
- Preventive
- Corrective

Repair

Recycling

Installation of UPS equipment

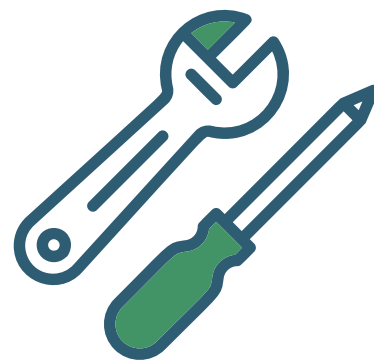
Our product range ranges from low and medium power single-phase equipment to large three-phase equipment used in high-power installations.

In the event that the response to a need requires new equipment that is separated from the standard models in our catalog, we make our Technical and Engineering Departments available to design the solution that guarantees compliance with the objectives of a power supply without mistakes.

The service offered includes from the study of the need to the preparation of the corresponding reports, plans, previous projects and projects of a technical or organizational nature. Once the solution is designed, we will take care of everything related to the acquisition, planning, installation and commissioning of the entire set.



Maintenance and Technical Assistance



Aware of the importance of maintenance in the life cycle of UPS equipment, we structure preventive maintenance programs around two types of reviews:

- **Review without total stop.** These are reviews in which the operation of the equipment is not affected.
- **Review with total stop.** It includes the equipment shutdown and synchrony tests, transfer, retransfer, input cut-off, battery bank autonomy test ... together with the start-up of the system and in line with the critical load.

There are also 3 basic maintenance levels based on:

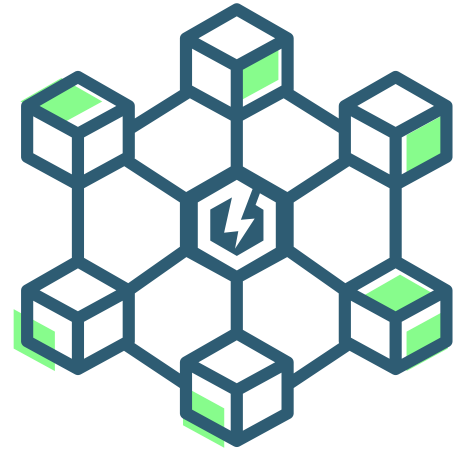
- **The frequency of reviews**
- **Telephone service hours**
- **Response time**

Once the maintenance is finished, we will deliver a detailed technical report by the team of the anomalies detected as well as a proposal of the improvements to be made.

Telemaintenance Service

UPS equipment that has an SNMP card can be remotely controlled and monitored in real time through the Internet, allowing the operating status of the equipment and its environment to be known at all times, thus saving on-site supervision by the customer.

In the event of any incident or anomaly in the UPS equipment, the system sends a notice to the customer and our technical staff with an alarm. This alarm is notified by email and SMS.



The T24 service gives us access to different options such as:

- **Monitor the status of the UPS via web**
- **Adjust the UPS parameters**
- **Turn off connected equipment**
- **Access monthly reports**

Battery replacement and recycling

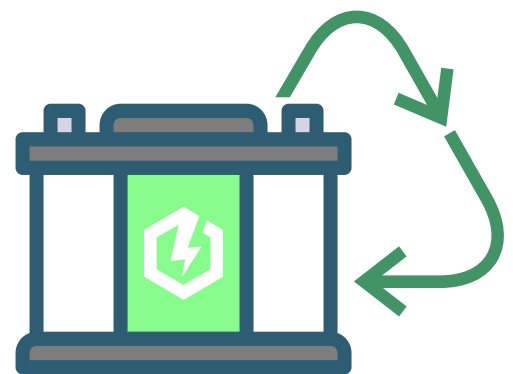
All batteries used in UPS equipment have a life cycle and must be replaced after a few years of use, depending on:

- **The supported temperature**
- **The load voltage to which they have been subjected**

Our technical department will replace the battery pack without jeopardizing the operation of the equipment at any time.

All components and batteries of the UPS equipment are recyclable. To recycle these materials, it is necessary to do it correctly and without being harmful to the environment.

For this reason, renobat adheres to an Integrated Waste Management System participating in UNIBAT and SIG to respond and comply with the obligations imposed on the producers of accumulators and batteries.



Join the quality proposed by Renobat

Do you want lower energy consumption for your company?

We offer highly efficient equipment that saves energy

Do you want to comply with ISO audits?

We can generate continuous improvement reports.

Do you need continuity in the electrical service?

We have a range of highly reliable equipment

Do you want to have a professional technical team?

Our electronic engineers will be at your service

Would you like to have a custom contract?

We propose customized solutions adapted to your needs

Is battery life important to you?

We use different technologies appropriate to the desired expectations

Do you want to make a custom project?

Our team of engineers will look for the best technical solution

Are you planning to develop an R&D project?

We have an engineering service

Do you want to conserve the environment?

We manage waste according to regulations

Do you need to avoid unexpected stops?

We have different maintenance modalities including 24h

Are you interested in extended warranties?

We offer warranty extensions on products

1 REN UPS OnLine 11 Series



Features

- ▣ Single phase 230Vac +25%
- ▶ Single phase 230Vac +5%
- ⚡ 1000VA – 10k VA

Applications

- PC in small offices and half power
- Storage networks
- Network servers and Telecommunications
- Electro medicine
- Critical loads

Technical characteristics

- OnLine Double Conversion Technology (VFI)
- Active Power Factor Control (PFC)
- Microprocessor control system (DSP)
- Advanced Battery Management (ABM)
- Synoptic LED display
- Cold start from batteries
- Automatic reset
- Emergency power off (EPO) function
- RS232 communication port
- Slot for DB9, SNMO, AS400, RELAYS and USB

2 REN UPS OnLine 11 R Series



Features

- ▣ Single phase 230Vac +25%
- ▶ Single phase 230Vac +5%
- ⚡ 1000VA – 20k VA

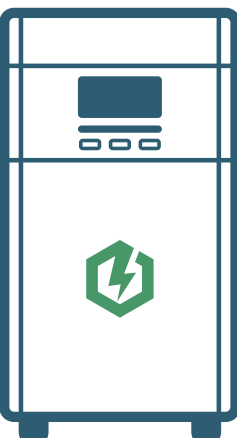
Applications

- PC in small offices and half power
- Storage networks
- Network servers and Telecommunications
- Electro medicine
- Critical loads

Technical characteristics

- Format adapted for rack cabinets
- OnLine Double Conversion Technology (VFI)
- Active Power Factor Control (PFC)
- Microprocessor control system (DSP)
- Advanced Battery Management (ABM)
- Information by LED display
- Emergency power off (EPO) function
- Intelligent battery charging design
- Programmable output voltage and sockets
- RS232 communication port and SNMP slot

3 REN UPS OnLine 31 Series



Features

- ▣ Three-phase 400Vac +25%
- ▶ Single phase 230Vac +5%
- ⚡ 10k VA – 20k VA

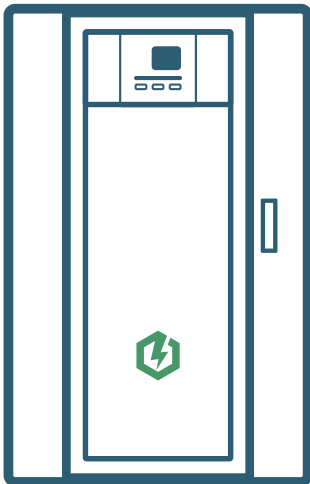
Applications

- Information systems (Data Center)
- Network servers and Telecommunications
- Work centers
- Wireless Communication
- Industrial equipment

Technical characteristics

- OnLine Double Conversion Technology (VFI)
- Active Power Factor Control (PFC)
- Microprocessor control system (DSP)
- Advanced Battery Management (ABM)
- Pure and stable sine wave output
- Cold start from batteries
- Low harmonic distortion (THD)
- Automatic electronic by-pass
- By-Pass maintenance manual
- IGBT technologies

4 REN UPS OnLine 33 Series



Features

- ▣ Three-phase 400Vac +25%
- ▶ Three-phase 400Vac +5%
- ⚡ 10k VA – 300k VA

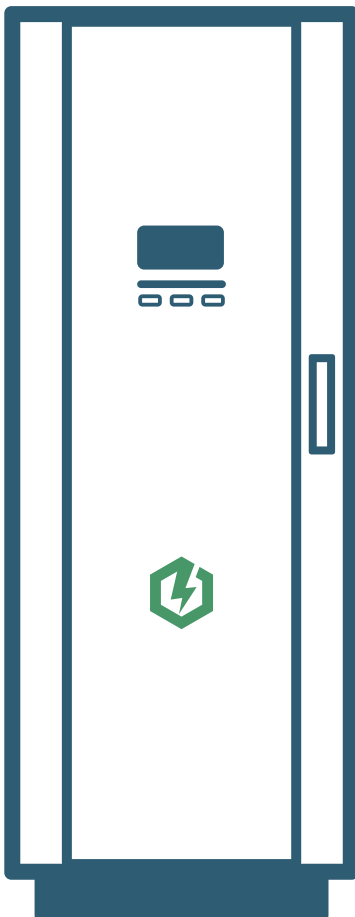
Aplicaciones

- Information systems (Data Center)
- Network servers and Telecommunications
- Work centers
- Wireless Communication
- Industrial equipment

Technical characteristics

- OnLine Double Conversion Technology (VFI)
- Microprocessor control system (DSP)
- Low harmonic distortion (THD)
- High efficiency with ECO Mode option
- Full control via LCD panel
- Remote power off (EPO)
- Electronic and manual By-Pass
- Advanced communication and high performance
- Slot for SNMP and RELAYS
- Modular design for easy maintenance

5 REN UPS OnLine 33 M Series

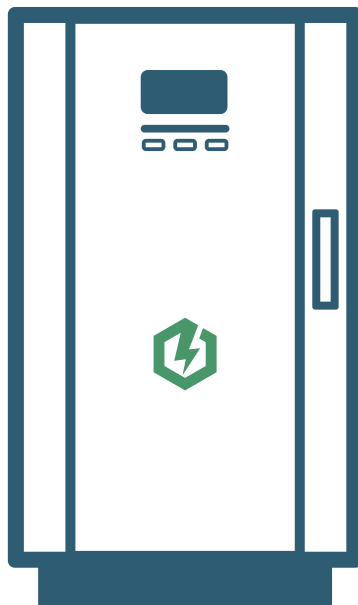


Features

- ▣ Three-phase 400Vac +25%
- ▶ Three-phase 400Vac +5%
- ⚡ 10k VA – 300k VA

Aplicaciones

- Information systems (Data Center)
- Network servers and Telecommunications
- Work centers
- Wireless Communication
- Industrial equipment



Technical characteristics

- OnLine Double Conversion Technology (VFI)
- Microprocessor control system (DSP)
- Low harmonic distortion (THD)
- High efficiency with ECO Mode option
- Full control via LCD panel
- Remote power off (EPO)
- Electronic and manual By-Pass
- Advanced communication and high performance
- Slot for SNMP and RELAYS
- Modular design for easy maintenance





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