



30 years of continuity

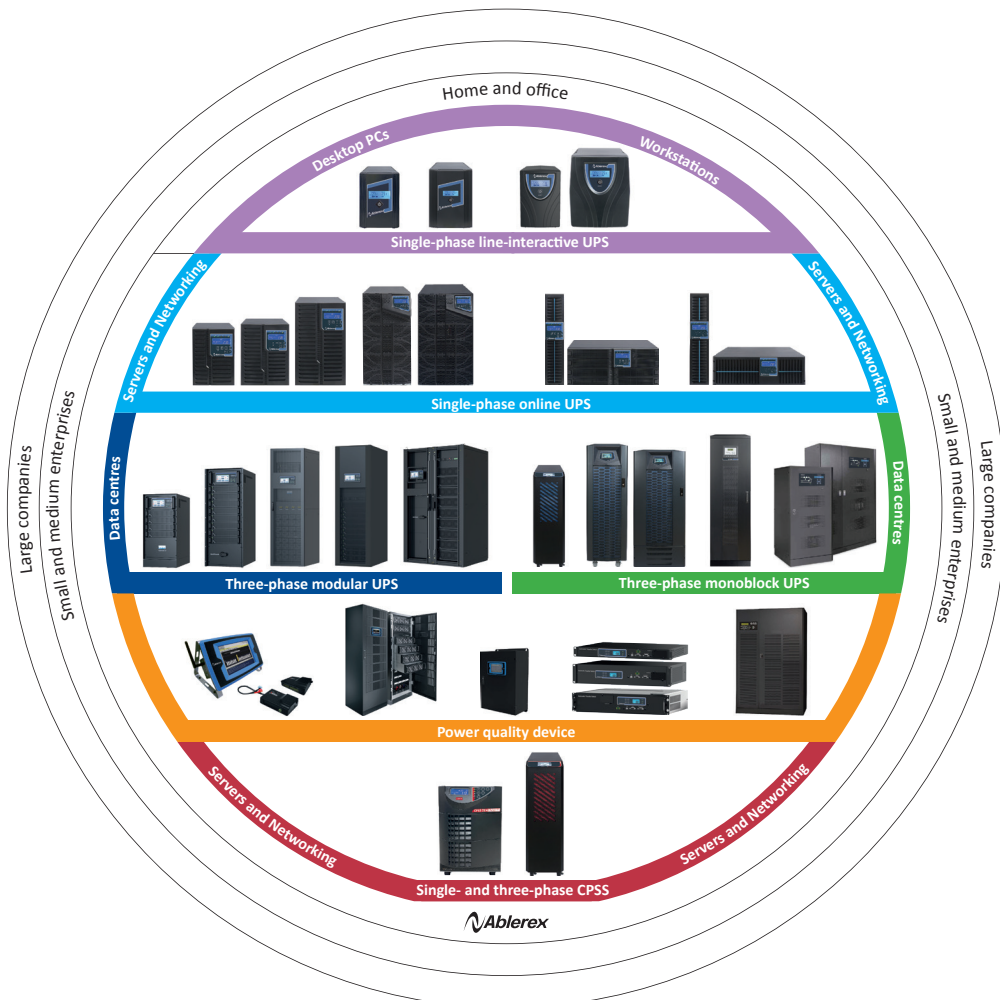


We're getting on in years, and we're proud of that

Established in 1994, we are now a multinational company with ISO 9001 and 14001 certifications. From the outset, we have been producing UPS and power quality devices (PQD) to safeguard all equipment against mains power problems. As trusted suppliers of the world's most authoritative UPS brands, we ensure the best power quality and availability of IT applications, including domestic, professional and industrial systems, and ICT, TLC, CCTV and BMS infrastructures of all types and sizes of companies.

You can count on us

150 engineers from our R&D department, plus a team of over 1000 other staff spend every working day developing and fine-tuning solutions that we then produce on a global scale. Our EMEA headquarters in Milan is on hand to provide all types of multilingual support and customer service. Because to Ablerex, *every moment counts*.



GLAMOR 450-2000 VA

A plug&play line-interactive UPS for the protection of home and small business devices

Applications

- PCs
- Wi-Fi routers
- Video game consoles
- TVs
- Satellite receivers
- POS
- Cash registers
- Surveillance cameras
- Home monitoring devices



GLAMOR S 600-2000 VA

Pure sine wave UPS for the non-stop supply of high-end devices or with PFC power supply

Applications

- Workstations
- Gaming PCs
- Small servers
- Networking equipment
- Hi-Fi and home theatre TVs
- Gaming consoles
- Satellite receivers
- Video surveillance
- Pellet stoves
- Wi-Fi routers
- Home monitoring devices



SAFEGUARDS HARDWARE

Prevents power quality problems from damaging hardware.

Prevents data losses caused by sudden power outages.

SIMPLE AND COST-EFFECTIVE TO RUN

Can be located anywhere because it is quiet and compact.

Also ideal for non-expert users thanks to its plug&play design.

DATA PROTECTION

Dedicated software monitors events and manages automatic shutdown of the connected PC.

UNINTERRUPTED DEVICE OPERATION

Prevents power quality problems from compromising the operation of sensitive equipment (e.g. workstations, gaming PCs, high-end Hi-Fi, etc.) by providing high-quality emergency power. Connected devices can still be powered up even when there is no mains power.

A constantly available power reserve: the UPS charges the battery even when off.

COMPLETE PROTECTION

Also protects phone lines and data lines with RJ cable against overvoltages.

SIMPLE AND COST-EFFECTIVE TO RUN

UPS monitoring and power supply event reporting. Automatic and manual testing of UPS and battery.

PowerMaster: monitoring and control software

Main features of the monitoring and control software (available free of charge at www.ablerex.eu/download):

- Quick and easy installation and configuration via USB.
- Orderly, automatic closure of the applications and operating system, even if the user is not there.
- UPS monitoring and power supply event reporting.
- Transmission of alarms for the most common power supply problems and notification of system shutdown by email and SMS.
- Automatic testing of UPS and battery.
- Available for Windows, MAC, Linux and other operating systems (full list available at www.ablerex.eu/download).

ARES TOWER
ARES RT
ODIN RT
1-3 kVA

MARS TOWER
MARS RT
6-10 kVA

online double-conversion UPS for absolute continuity, maximum protection of critical devices and longer runtime



Applications

- Workstations
- High-end PCs
- Servers
- Network and telecommunications devices
- Video surveillance equipment
- Medium-voltage substations
- PLC control cabinets
- BMS and SCADA systems
- Medical electrical equipment and small data centres

MAXIMUM VERSATILITY

Various models are available, including both towers and rack towers (with rotatable display and different depths), to meet a full range of needs.

ABSOLUTE PROTECTION AND MAXIMUM DEVICE AVAILABILITY

Protects against all types of power supply problems including micro-interruptions and pulses, so it is also suitable for the protection of sensitive loads. High overload handling capacity. Connected devices can still be started even when there is no mains power.

EASY TO INSTALL AND EASY TO EXTEND RUNTIME

Easy configuration of external battery cabinets to achieve the runtime required by any application.

BORN TO COMMUNICATE

Communicates with every system thanks to the communication ports (USB, RS232) built into the optional additional slots (for SNMP, RS485 and relay cards).

LOW RUNNING COSTS

The high efficiency of online double-conversion technology combined with the ECO function minimises power consumption.

The wide range of input voltages extends battery life by reducing battery usage.

SECURITY AND CONTROL

Data protection and system control thanks to free event monitoring software and programmable automatic shutdown of SNMP-connected loads.

PLUS, FOR 6 AND 10 KVA MODELS

Maximum available power $kVA = kW$.

Parallelability of up to 4 units, in power and/or redundancy, for maximum protection and optimisation of investment.

Hot-swappable batteries.

Monitoring, control and management software

UPS monitoring and management

The main features of the PowerMaster software, which is available free of charge at www.ablerex.eu/download) are:

- Installation and configuration via USB or RS232 serial port.
- Orderly, automatic closure of the applications and operating system, even if the user is not there.
- UPS monitoring and power supply event reporting.
- Transmission of alarms for the most common power supply problems and notification of system shutdown by email and SMS.
- Automatic testing of UPS and battery.
- Available for Microsoft, MAC and Linux. (full list available at www.ablerex.eu/download).

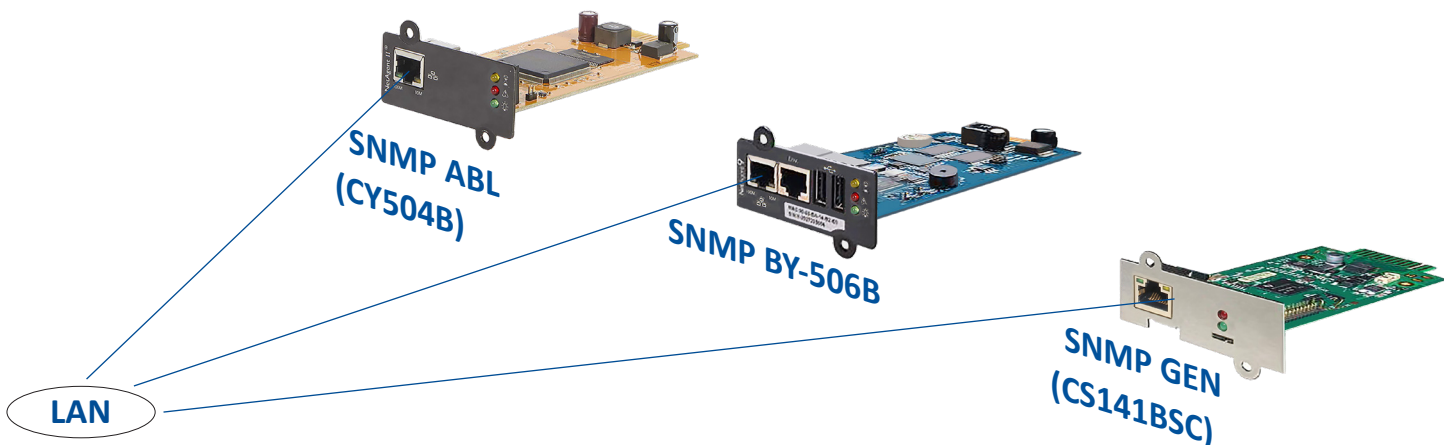
Communication cards and software

AblereX single-phase online UPS units offer maximum control thanks to optional communication cards:

- The SNMP network card enables you to monitor the status of the UPS from any PC or server connected to the LAN without having to install any specific software, thanks to the Web Server function, or remotely by means of a VPN connection. You can also manage automatic shutdowns of the devices connected to the UPS.
- The relay card with potential-free contacts transmits alarms remotely.
- The RS485 Modbus card effectively communicates the status of the UPS with the most widely used BMS systems.

SNMP control and management

Manage the shutdown of all devices connected to the network with IP by means of remote control software (Generex RCCMD for the SNMP GEN card and AblereX ClientMate for SNMP ABL and BY-5065 cards) compatible with Microsoft Windows (for desktops and servers), Linux, Apple MAC OS and VMware.



Seamless integration with other network programmes and SNMP management systems

SNMP ABL • SNMP BY-506B • SNMP GEN

HTTP interface • Network message • SNMP trap • Email notifications • Log file recording

SNMP BY-506B and SNMP GEN

Notification by SMS • Modbus over IP

SNMP GEN

Updating of SFTP configuration • BACnet

Special applications



**ARES and ODIN Single-phase UPS
1000-3000 VA
MARS Single-phase UPS
6000-10000 VA**

Medium-voltage substations and control cabinets (PLC)

Some applications, e.g. control cabinets, require the UPS to always have a residual battery capacity. Ablerex has the solution: all UPSs in the ARES range include this feature. Thanks to Ablerex firmware, you can be sure that the UPS always has enough battery reserve to be switched on and supply the load.

Benefits

- Built-in feature that is easy to implement.
- Backup of at least 60 minutes, residual charge control.
- Easily customisable residual battery capacity.
- Cold UPS start-up.
- Battery alarm and residual backup time indicator.
- Maximises battery protection and life.



**ARES Single-phase UPS
1000-3000 VA**

To ensure in any conditions 24/7 opening of electric shutters or doors of shops, bars, restaurants, warehouses and service businesses

If an electric shutter or door is protected by a UPS, and for some reason the mains circuit breaker trips or there is no power, the open/close mechanisms cannot be operated. The "remote on/off" option means that the Ablerex UPS can be switched on even without mains power so the electric shutter can be opened or closed.

Benefits

- Option that is easy to implement on request.
- Reduces TCO by avoiding the need to overdimension the UPS and batteries to overcome long periods without power (e.g. when closing a business for holidays).
- Maximises battery protection and life.



**ODIN HARSH Single-phase UPS
1000-3000 VA**

Extreme environmental conditions

When you need to prevent a service outage and ensure safety and continuity in extreme conditions, you need a robust, highly reliable UPS.

ODIN Harsh UPS are built to guarantee efficiency and performance from -10°C to 55°C (-5°C with LCD)

Benefits

- Load protection at extreme temperatures from -10°C to 55°C.
- Batteries designed for extreme temperatures.

Applications

- All applications in harsh climatic areas
- Industrial applications
- IT and telco (two-way radio stations)
- Underground transportation.
- Traffic control.
- Wind farms.
- Traffic control



**CPSS ZEN single and three phase UPS
4000-40000 VA**

Central power supply systems (CPSS) EN50171 fully compliant with third part (IMQ) test certificate

EN 50171 is the reference standard required by law for all safety systems, e.g. emergency lighting systems, fire detectors in any public, commercial or residential building. CPSS ZEN single- and three -phase have been designed in full compliance with EN50171.

Benefits

- Safety guaranteed by third part: full compliance with EN 50171 certified by IMQ testing.
- Easy installation and total control: handy and compact, it offers a wide range of audible and visual alarms including: battery polarity reversal.
- Maximum efficiency and flexibility thanks to the availability of 4 operating modes.
- Continuity guarantee: can work continuously with up to 120% overload and a battery life of 10 years.
- Reverse battery polarity protection.

Choose a UPS in four steps

1. Make a list of all the devices you need to protect, remembering to include monitors, any external drives, etc.
2. Identify the power required by each device, which is usually expressed in W (Watts) and can be found on the label on the back of the devices.
3. Add together the number of Watts for each device you need to protect. The total you get corresponds to the active power in W of the UPS you need.
4. For extra headroom and potential future expansion, we recommend that you add at least 20% to that total.

Choose the right one

By looking at the overview table below, you'll have no trouble identifying a model based on the total power consumption in W of the devices you need to protect and the runtime you need in the event of a power outage.

Runtime table in minutes

Model	GLAMOR - Line-interactive						GLAMOR S - Line-interactive					ARES Online			
	GR450	GR650	GR850	GR1000	GR1500	GR2000	GRS600	GRS800	GRS1000	GRS1500	GRS2000	AR1000	AR2000	AR3000	
	UPS power in W	250	360	500	600	900	1200	420	560	700	1050	1400	900	1800	2700
Devices' input power in Watts	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes	Runtime in minutes
52.5	12	29	42	70	72	>90	30	42	72	>90	>90	>90	>90	>90	>90
105	4	5	17	30	31	42	13	17	30	43	43	60	90	>90	>90
210		4	4	12	12	16	4	6	13	17	17	33	72	>90	>90
315			2	5	5	9	2	4	7	10	10	20	50	65	65
455				3	5	4		1	4	6	6	14	33	42	42
595				1	3	5			2	5	5	9	21	31	31
700					1	3				3	3	7	18	26	26
900										2	2	5	15	18	18
1050													12	15	15
1225													9	13	13
1400													7	12	12
1800													5	8	8
2100														6	6
2700															4

Guideline input power of various devices (you are advised to check actual input power):

- WI-Fi 20/30W router • POS + Cash register 40/50W • NAS 30/60W • TV43" 100W
- Inkjet printer / 180W scanner • Desktop PC + 21" 250W LCD monitor
- Desktop gaming PC + 24" 500W LCD monitor • High-end dual-processor PC + 32" 800W LCD monitor
- 300 to 1000W rack/tower server • 140W gaming console

Why us?

We put our experience, quality and support at your disposal.

If you choose us, you'll find that we are driven by passion, expertise and the belief that power supply security and continuity must be constantly guaranteed at all times.

To us, every moment counts.