



APC[™]

Easy UPS On-Line Lithium-ion 230 V

APC[™] Easy UPS On-Line Lithium-ion provides clean power to essential and sensitive devices in unstable power conditions while reducing maintenance costs and complexity.

Easy UPS On-Line Lithium-ion has longer battery life that lowers maintenance costs and Total Cost of Ownership (TCO) compared to UPS with VRLA batteries.

The rack/tower convertible design provides flexibility to address space challenges at the edge.

Delivering quality power to millions of IT professionals around the world. That's Certainty in a Connected World.



apc.com

Life Is On

Schneider
Electric

Compact Lithium-ion On-Line UPS that lowers TCO and prepares you for prolonged outages

APC Easy UPS On-Line Lithium-ion accommodates a wide input voltage range and unstable power conditions providing clean power for essential and sensitive devices for a longer lifetime.



Peace of mind with Lithium-ion UPS



Easy UPS On-Line Lithium-ion has a 3X battery life and comes with a 5-year warranty. Saves time and hassle from service dispatches compared to VRLA battery replacements.

Save on Total Cost of Ownership



Lower Total Cost of Ownership (TCO) by minimizing battery replacement and labor costs during the life of the UPS.

Longer Runtime



3X longer runtime and faster recharge time compared to VRLA.

Lighter and Space Saving



Easy UPS Lithium-Ion is built-in 2U rack height that makes it lighter and space saving compared to VRLA.

Versatile design with Rack/Tower convertible



Provides flexibility to change from a rack to tower installation using default accessories.

Simplified Monitoring and Management



PowerChute™ Serial Shutdown software provides graceful unattended shutdown of servers and workstations using serial or USB cables and helps prevent data corruption and costly equipment damage.

Optional Network Management Card (part number AP9544 sold separately) supports network-based monitoring of Easy UPS On-Line Lithium-ion.

Easy UPS On-Line Lithium-ion Features

Standard Features

Double-conversion On-Line

Ensures clean, reliable power supply to essential loads from brownouts, line noise, voltage transients and power outages.

High Power Factor

More real output power in watts with 0.9 PF.

High Efficiency

- In on-line double-conversion mode up to 90% efficiency
- In ECO mode saves utility and cooling costs without compromising performance or reliability up to 96% efficiency

Emergency Power Off (EPO)

Remote UPS shutoff in the event of emergency. The UPS can accept normally closed (NC) contacts.

Longer Runtime, Compact, and Light Weight

Lithium-ion battery packs in 2U rack height allows longer runtime, is lighter and saves space compared to the VRLA battery pack.

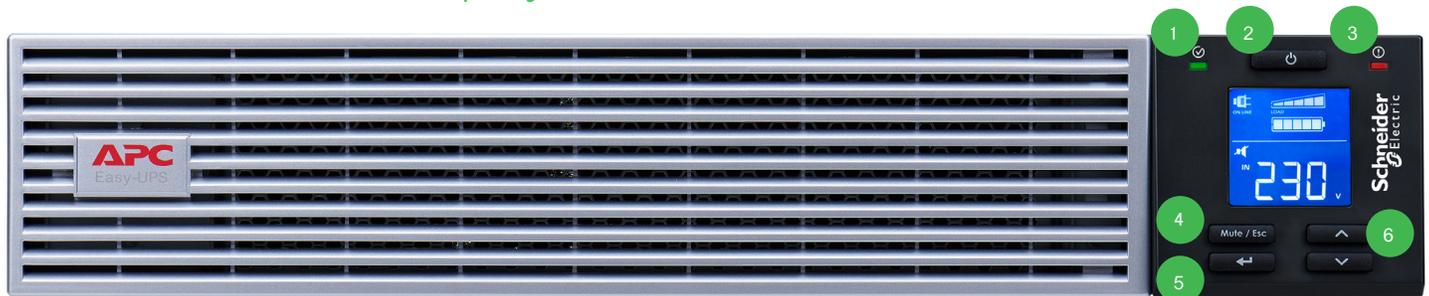
LCD Display

Intuitive interface provides detailed and accurate information about UPS status with ability to configure locally.

5-year Warranty

Comprehensive warranty for electronics and battery functionality provides peace of mind. In an unlikely event of a detected fault, your product will be repaired or replaced.

90° Rotatable LCD Display



1. On/Off status: Indicates power is ON

2. On/Off button: Press to turn ON or OFF

3. Alert LED: Flashes red when UPS has a notification or is in steady state when there is an alert

4. Mute/Esc button: Mutes audible alarm and serves as the Escape key when in the sub menu display

5. Enter key: Press to enter the display menus and choose options.

6. UP/Down arrows: Navigate keys through the display menus

Easy UPS On-Line Lithium-ion Applications

Typical Applications

The Easy UPS On-Line Lithium-ion allows IT professionals to focus on the core mission of helping organizations navigate through the landscape of modern technologies.



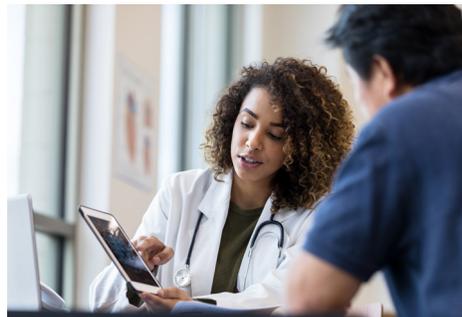
Surveillance



Co-working Space



Point of Sale



Healthcare IT



ATMs



Micro Data Center & Server Room

Easy UPS On-Line Lithium-ion Accessories



AP9544

UPS Management Card

- **AP9544**: Network management card for remote monitoring of UPS.



VGL9901I

- **VGL9901I**: Dry contact card to monitor external triggers and initiate actions.



SRVSMB001

- **SRVSMB001**: Modbus card for communication with PCs through MODBUS protocol.



SRVRK1

Rail Kit

- **SRVRK1**: 700 mm depth rail kit. Can support rack mount installation for standard 19-inch rack equipment with maximum weight of 60 kg.



RBCV181-LI



RBCV183-LI

Replacement Battery Cartridge

- **RBCV181-LI**: 230.4 Wh built-in lithium battery for 1 kVA
- **RBCV182-LI**: 432 Wh built-in lithium battery for 2 kVA
- **RBCV183-LI**: 576 Wh built-in lithium battery for 3 kVA



RBCV182-LI

Easy UPS Management Solutions

PowerChute™ Serial Shutdown

For Graceful Unattended Shutdown of Servers and Workstations



Key Features

Convenience

- Initial Set-Up Wizard
- SMTP Authentication
- Password Security
- Secure Communication
- Multiple Language Support

Manageability

- Notification
- Data Logging
- Event Logging
- Run Command File
- Multiple Easy UPS Management

Protection

- Load Shedding
- Scheduling Capability
- Operating System Shutdown
- Sequenced Network Shutdown and Reboot
- Outlet Group Control

Compatibility

- System Event Log Integration
- Enterprise Management System Compatible
- PowerChute Serial Shutdown OS Compatibility

Energy Management

- Configurable energy costs
- CO2 emissions reporting
- Energy usage reporting
- Energy cost reporting

Graceful unattended shutdown of servers and workstations using serial or USB cables helps prevent data corruption and costly equipment damage. Learn More on apc.com/pccs

Optional Easy UPS Network Management Card (AP9544)

Easy UPS Network Management Card (AP9544) allows for secure remote monitoring of an individual UPS via web browser or command line interface.



Key Features

Enhanced Security

- Secure Boot with Root of Trust
- Increased password security with stricter credentials and force password policy configurations
- 3-tier user access (read only, device and administrator)
- Secure access SSH, HTTPS (TLS 1.2)
- Secure file transfer (SCP)
- 2048-bit encryption key support (SSH/web)

Enhanced Performance

- 1 Gigabit Ethernet connection (RJ-45 10/100/1000 Base-T)
- Simultaneous multiple user login supporting multiple sessions

Enhanced User Experience and Troubleshooting

- Pre-loaded multiple language support
- Micro USB based console

For more information, visit apc.com/secure-nmc.

Standard Rack Model Technical Specifications

	SRVL1KRIRK	SRVL2KRIRK	SRVL3KRIRK
Power rating	1000 VA/900 W	2000 VA/1800 W	3000 VA/2700 W
Input			
Nominal input voltage	230 V		
Input voltage range at Full Load (60%)	160 – 300 V (110 – 300 V)		
Input frequency	40 – 70 Hz		
Input connection	IEC 60320 C14	IEC 60320 C20	IEC 60320 C20
Output			
Nominal output voltage	230 V (220 V, 240 V user selectable)		
Output frequency	50/60 Hz (+/- 3 Hz)		
Topology and Waveform type	Double-conversion on-line, Pure sine wave		
Efficiency: Online mode (Typical)	Up to 90%		
Efficiency: ECO mode (Typical)	Up to 95%	Up to 96%	Up to 96%
Output Connections	(6) IEC 60320 C13	(6) IEC 60320 C13	(6) IEC 60320 C13 + (1) IEC 60320 C19
Battery and Runtime ¹			
Battery type	Internal battery, Lithium-ion		
Battery capacity	230.4 Wh	432 Wh	576 Wh
Battery voltage	38.4 V	48 V	48 V
Typical recharge time (Recover to 90% of capacity)	1.5 hr		
Runtime at Full load ¹	10 min	10 min	9 min
Runtime at Half load ¹	20 min	20 min	18 min
Communications and management			
Interface ports	Serial RS-232, USB (Type B), Intelligent Card Slot		
Control panel	LED indicators, multi-function LCD, status and display console		
Software	Yes, PowerChute Serial Shutdown		
Emergency power off (EPO)	Yes (NC contacts)		
Physical			
Rack height (U)	2U		
Dimensions W x H x D	438 x 86 x 452 mm	438 x 86 x 502 mm	438 x 86 x 632 mm
Net weight	12.9 kg	16.5 kg	21.2 kg
Environment			
Operating temperature	0 to 40 °C		
Relative humidity	0 to 95% non-condensing		
Operating elevation	0 – 2,000 m at 100% load (2,000 – 3,000 m: load capacity reduces @1% for every 100 m increase in elevation)		
Audible noise ²	Less than 50 dBA		
International protection code	IP20		
Conformance			
Regulatory approvals	UPS: IEC 62040-1, CB, CE, UKCA, RCM, TISI, IEC 62040-2/EN IEC 62040-2 Battery Pack: IEC 62040-1, IEC 62619, UN 38.3, CE, UKCA Electronic circuits and software controls in the battery pack are evaluated as per IEC 60730-1		
Standard warranty	5 years		

All specifications are subject to change without prior notice.

¹ Runtime in the table are approximate only. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

² 100% load with battery fully charged at 25 °C.

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