APC Easy UPS 1 Ph Online with Bundled Accessories

For IT professionals in small to medium businesses, EasyUPS Online provides basic power protection for unstable power conditions, ensuring consistent and reliable connectivity at the most critical moments.

APC Easy UPS Online is a versatile, high quality, cost competitive UPS developed to handle a wide voltage range, and inconsistent power conditions; delivering the quality millions of IT professionals trust around the world. That's Certainty in a Connected World.

www.apc.com

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APC Easy UPS 1 Ph Online Rack Mount Models Standard Features (1-10kVA)
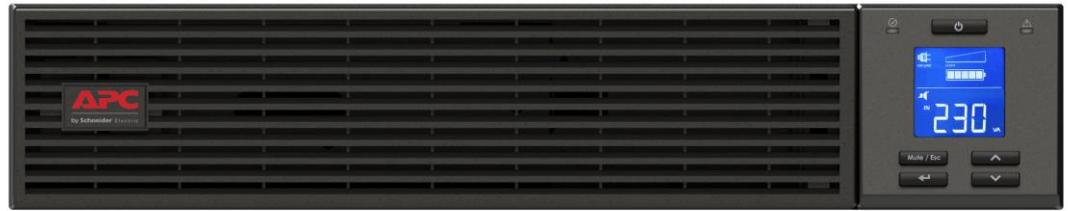
ECO Mode / Green Mode
This is an energy saving mode and the input voltage regulation range can be set/ modified through the LCD display.

Generator Compatible
Ensures clean, uninterrupted power to the loads in the event of an extended power outage

High Power Factor
More real output power in watts 0.8 PF (1, 2, 3 kVA), PF = 1 (6 & 10 kVA)

Environmentally Robust
Conformal coated

Intelligent Battery Management
Maximizes battery performance, life, and reliability through intelligent precision temperature compensated charging.

OVCD (Overvoltage Cutoff Device) protection
Under special application with high voltage condition, OVCD protection will prevent the damage of UPS components and extend the life of the UPS

USB Port / Serial Port
Provides management of the UPS via USB communication

Input Power Factory Connection
(0.95 under normal input & fully loaded 1, 2, 3 kVA)
(0.99 under normal input & fully loaded 6 & 10
Minimizes installation costs by enabling the use of smaller generators and cabling

Excellent Power Quality and Performance
True Double Conversion – provides tight voltage and frequency regulation and zero transfer time for reactive loads (machinery, lab equipment, etc.)

Wide input voltage range
60% Load: 110-300VAC
Allow for unstable power environment

Built-in Automatic Bypass
Ensures seamless power to load even in the event of catastrophic UPS failure

Power Conditioning
Protects connected loads from surges, spikes, lightning, and other power disturbances

Flash Upgradeable Firmware
Allows for field updates of firmware via communication ports. (USB or RS 232)

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APC Easy UPS 1 Ph Online Rack Mount Models Standard Additional Features (1-10kVA)

LCD/LED Display
Intuitive interface provides detailed and accurate information with ability to configure locally.

Safety Agency Approved
Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment

Built-in Automatic Bypass
Ensures seamless power to the load even in the event of catastrophic UPS failure

Scalable Runtime in Extended Runtime Models (6 & 10kVA)
The capability to add external battery packs to provide extended runtime, fulfilling the needs of long run applications.

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Easy UPS 1 Ph Online LCD Display
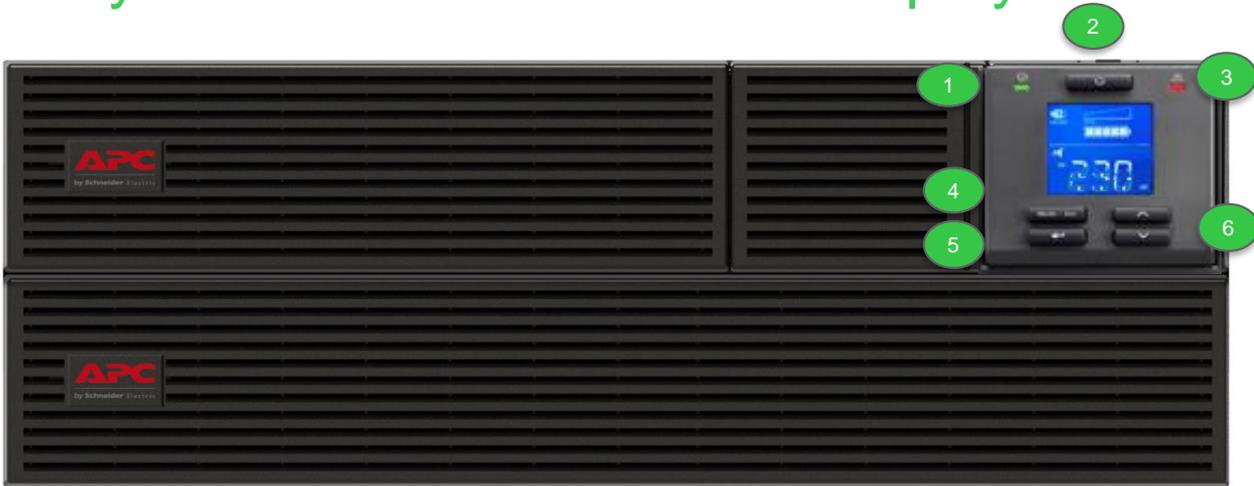
LCD Display

1. On/Off Status LED – Indicates power is ON

2. On/Off Button – Press to turn UPS On or OFF

3. Alert LED– Flashes red when UPS has a notification or is steady state when there is a fault

4. Mute/ESC button – Mutes current alarm temporarily and serves as the Escape key when in the sub menus of the display

5. Enter Key – Press to enter the display menus and choose an option within the menu

6. Up/Down Arrows – Navigation keys through the display menus

LCD Display Icons

Icon	Description
ON LINE	UPS is on utility power
ON BATT	UPS is on battery power
BYPASS	UPS is in bypass mode
ON BATT	Replace battery
ALARM	An internal fault is detected
	Overload - connected load is drawing more than the power rating
LOW	Battery charge
LOAD SENSITIVITY	Load level
	Mute- audible alarm has been disabled
	ECO mode – illuminated when the unit is providing utility power directly and power is within configured ranges
SEE MANUAL	Alert or notification – UPS has detected and error please see user's manual for details
EVENT LOG	Event – illuminate when the user is reviewing the event log

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APC Easy UPS Online Bundled Accessories

Ensure compatibility and receive UPS with accessories all-in-one

Package Contents

- UPS
- Battery Pack (6, 10kVA)
- Rack Mount Brackets, 2 for UPS, 2 for Battery Pack
- Flat Head Screws, 8 for UPS, 8 for Battery Pack
- Software, User Documentation CD
- Corresponding Cables; USB, RS-232, Output, Utility Power Cable, Battery

Bundled Add-Ons

Rail Kit for UPS

APC Easy UPS Rail Kit provides simple rack mount installation, allowing for easy UPS maintenance while minimizing space requirements.

SRVRK1:
- Rail Kit for UPS
- 700mm

SRVRK2:
- Rail Kit for Battery Pack
- 900mm

Battery Pack

Extended-run battery system provides flexible runtime to critical Easy-UPS applications. Connect multiple external battery packs for extra runtime.

Included in Easy UPS 6 & 10kVA Easy UPS bundles

APC Easy UPS Rack, SRV6KRIL, SRV10KRIL with external battery pack (SRV240RLBP-9A)

Rail Kits SRVKRI (above) SRVRK2 (below)

External battery pack rear panel, SRV240RLBP-9A

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APC Easy UPS Online Optional Accessories

Enable monitoring and control with an additional purchase

SNMP Card (APV9601)

APC SNMP Card provides direct communication with your APC Easy UPS.

At a glance the SNMP card monitors:

- UPS status: load, battery charge, voltage
- Battery status: healthy & capacity & runtime
- Environmental status: temperature & humidity
- Shutdown Wizard: ability to remotely shut down and reboot server

Dry Contact Card (VGL9901I)

UPS management accessory that provides two dry contact input and one relay output interface to APC Easy UPS SRV Series

Suitable with applications:

- IBM server, personal PC and workstations equipment
- Auto-controlled industrial equipment and communication applications

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APC Easy UPS 1 Ph Online Rack Mount Models
Technical specifications

Easy UPS 1 Ph Online Rack Mount Models					
UPS Model		**SRV1KRIRK**	**SRV2KRIRK**	**SRV3KRIRK**	**SRV6KRIRK**	**SRV10KRIRK**
Input	Nominal Input Voltage	220-240Vac				
	Input Connection	IEC C14	IEC C14	IEC C20	Terminal Block	
	Input Frequency	50 Hz / 60 Hz				
	Input Voltage Range (V)	110 Vac – 285 Vac @ 50% Load			110 Vac – 300 Vac ± 3% @ 60% Load	
	Power Factor	≥ 0.95			≥ 0.99	
Output	Topology	Online				
	Output Power Capacity (Watts)	800 W	1600 W	2400 W	6000 W	10000 W
	Output Power Capacity (VA)	1000 VA	2000 VA	3000 VA	6000 VA	10000 VA
	Nominal Output Voltage	220/230/240VAC				
	Frequency Range (Sync.mode)	50/60Hz +/- 3 Hz			50/60Hz +/- 4 Hz	
	AC Voltage Regulation	± 1%				
	Frequency Range (Batt. Mode)	50 Hz ± 0.5 Hz or 60Hz ± 0.5 Hz			50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz	
	Transfer Time (AC to DC)	Zero				
	Waveform Type	Pure Sinewave				
	Total Output Connections	IEC 3*C13	IEC 4*C13	IEC 6*C13+1*C19	Terminal Block	
	Efficiency (AC Mode)	88%			94%	
	Current Crest Ratio	3:01				
External Battery Pack	Battery Type	Maintenance-free sealed Lead-Acid battery				
	Typical Recharge Time	4 hours recover to 90% capacity			3 hours recover to 90% capacity	
Physical	Dimension, D X W X H (mm)	312x438x86 (2U)	462x438x86 (2U)	632x438x86 (2U)	UPS:612 x 438 x 88 (2U) BATT:710x 438 x 88 (2U)	UPS:612 x 438 x 88 (2U) BATT:710 x 438 x 88 (2U)
	Weight (kgs)	11	18.2	27.6	UPS:14 BATT:46	UPS:16.5 BATT:53
Features	LED	✓			✓	✓
	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
	EPO				✓	✓
	USB communication port	✓			✓	✓
	DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix				
	Input Breaker	✓			✓	✓
	Battery user disconnector	✓			✓	✓
Protection	Surge Energy Rating (Joules)	600 J				
Enviroment	Humidity	0 to 95% relative humidity, noncondensing				
	Temperature	0° to 40°C at rated load				
	Noise Level	Less than 50dBA			Less than 55dB	
Conformance	Regulatory Approvals	CE				
Accessories	Power Module				✓	✓
	Rail Kit for UPS	✓	✓	✓	✓	✓
	Battery Pack				✓	✓
	Rail Kit for Battery Pack				✓	✓

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APC Easy UPS 1 Ph Online Extended Runtime Rack Mount Models
Technical specifications

Easy UPS 1 Ph Online Rack Mount Models		
UPS Model	**SRV6KRILRK**	**SRV10KRILRK**
Input		
Nominal Input Voltage	220-240Vac	
Input Connection	Terminal Block	
Input Frequency	50 Hz / 60 Hz	
Input Voltage Range (V)	110 Vac – 300 Vac ± 3% @ 60% Load	
Power Factor	≥ 0.99	
Output		
Topology	Online	
Output Power Capacity (Watts)	6000 W	10000 W
Output Power Capacity (VA)	6000 VA	10000 VA
Nominal Output Voltage	220/230/240VAC	
Frequency Range (Sync.mode)	50 Hz+/- 4 Hz or 60Hz +/- 4 Hz	
AC Voltage Regulation	± 1%	
Frequency Range (Batt. Mode)	50 Hz+/- 4 Hz or 60Hz +/- 4 Hz	
Transfer Time (AC to DC)	Zero	
Waveform Type	Pure Sinewave	
Total Output Connections	Terminal Block	
Efficiency (AC Mode)	94%	
Current Crest Ratio	3:01:00 AM	
External Battery Pack		
Battery Type	Maintenance-free sealed Lead-Acid battery	
Typical Recharge Time	3 hours recover to 90% capacity	
Physical		
Dimension, D X W X H (mm)	Power Module: 615 x 438 x 86.5 (2U)	
	Battery Pack: 606x 438 x 131 (3U)	
Weight (kgs)	Power Module:14	Power Module:16
	Battery Pack:63	Battery Pack:63
Features		
LED	✔	✔
LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators	
EPO	✔	✔
USB communication port	✔	✔
DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix	
Input Breaker	✔	✔
Battery user disconnector	✔	✔
Protection		
Surge Energy Rating (Joules)	600 J	
Enviornment		
Humidity	0 to 95% relative humidity, noncondensing	
Temperature	0° to 40°C at rated load	
Noise Level	Less than 55dB	
Conformance		
Regulatory Approvals	CE	
Accessories		
Power Module	✔	✔
Rail Kit for UPS	✔	✔
Battery Pack	✔	✔
Rail Kit for Battery Pack	✔	✔

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