



APC Easy UPS 1 Ph Online Extended Runtime Models

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.



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APC Easy UPS 1 Ph Online Extended Runtime Models Standard Features

- Tower Model
 - Available in 1, 2, 3, 6, 10 KVA
- Rack Model
 - Available in 6, 10 KVA



Scalable Runtime

The capability to add external battery packs to provide extended runtime, fulfilling the needs of long run time applications.

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

Input Power Factor Connection

(.95 under normal input & fully loaded 1,2,2 kVA)
(.99 under normal input & fully loaded 6 & 10 kVA)
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 the 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 Extended Runtime Models Additional Features

USB Port / Serial Port

Provides management of the UPS via USB/Serial communication

Emergency Power Off (EPO)

Immediately remove power to all connected equipment in the event of emergency (6 & 10 kVA)

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



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APC Easy UPS Online Related Accessories

For an additional purchase, enable remote UPS monitoring.

SNMP Card (APV9601)



The SNMP Card (APV9601) 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

Controls:

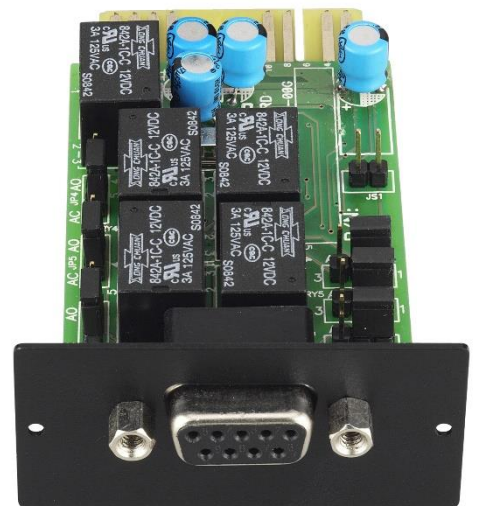
- Shutdown Wizard: ability to remotely shut down and reboot server

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:

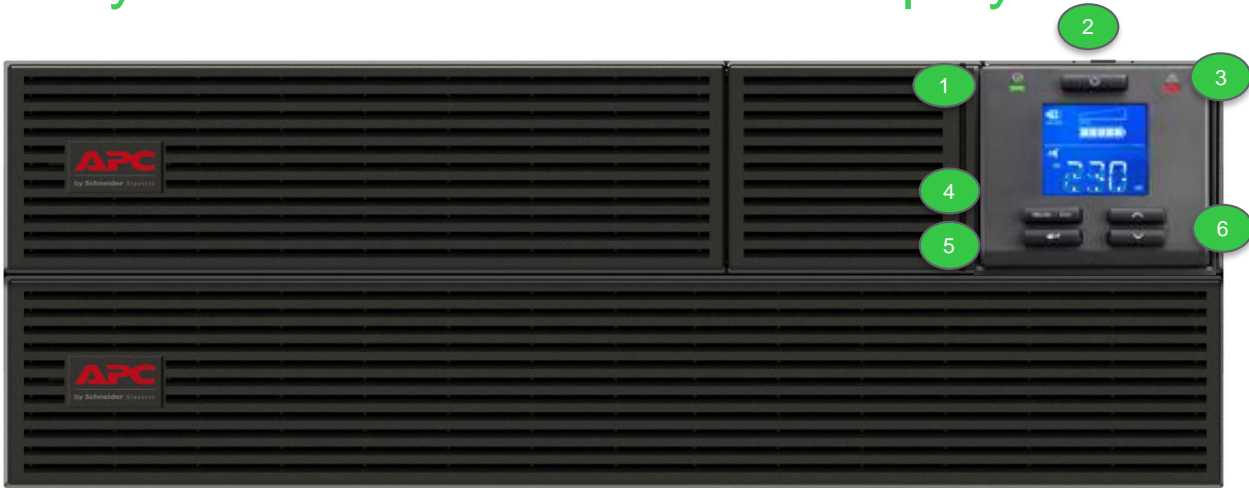
- IBM server, personal PC and workstations equipment
- Auto-controlled industrial equipment and communication applications



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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



UPS is on utility power



UPS is on battery power



UPS is in bypass mode



Replace battery



An internal fault is detected



Overload- connected load is drawing more than the power rating



Battery charge



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



Alert or notification – UPS has detected and error please see user's manual for details



Event – illuminated when the user is reviewing the event log

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SRV 230V Extended Runtime Models (Tower)

Model	SRV Tower	SRV1KIL	SRV2KIL	SRV3KIL	SRV6KIL	SRV10KIL	
Input	Nominal Input Voltage	220-240Vac					
	Input Connection	IEC C14	IEC C14	IEC C20	Terminal Block		
	Input Frequency (V)	50Hz / 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 Hz +/- 3 Hz or 60Hz +/- 3 Hz			50 Hz +/- 4 Hz or 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 C13*3	IEC C13*4	IEC C13*6 + IEC C19*1	Terminal Block		
	Efficiency (AC Mode)	88%			94%		
	Current Crest Ratio	3:1					
External Battery Pack	Charging Current	4A			1 to 4 A (adjustable)		
	Battery Type	Maintenance-free sealed Lead-Acid battery					
	Part Number	SRV36BP-9A	SRV72BP-9A	SRV72BP-9A	SRV240BP-9A	SRV240BP-9A	
Physical	Dimension, D X W X H (mm)	Power Module:	Power Module:	Power Module:	Power Module:	Power Module:	
		288 x 145 x 223	400x 145 x 238	400x 145 x 238	374 x 190 x 336	447x 190 x 336	
	Weight (kgs)	Battery Pack:	Battery Pack:	Battery Pack:	Battery Pack:	Battery Pack:	
		400 x 145 x 238	425 x 190 x 336	425 x 190 x 336	485 x 190 x 368	485 x 190 x 368	
Features	LED	✓	✓	✓	✓	✓	
	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators					
	EPO	X	X	X	✓	✓	
	USB communication port	✓	✓	✓	✓	✓	
	DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix					
	Input Breaker	✓	✓	✓	✓	✓	
	Battery user disconnecter	✓	✓	✓	✓	✓	
Protection	Surge Energy Rating (Joules)	600 J					
ENVIRONMENT	Humidity	0 to 95% relative humidity, non-condensing					
	Temperature	0° to 40°C at rated load			0° to 40°C at rated load		
	Noise Level	Less than 50dB			Less than 55dB	Less than 58dB	
Conformance	Regulatory Approvals	CE			CE	CE	

SRV 230V Extended Runtime Models (Rack)

Model		SRV6KRIL	SRV10KRIL
Input	Nominal Input Voltage	220-240Vac	220-240Vac
	Input Connection	Terminal Block	
	Input Frequency (V)	50Hz / 60 Hz	
	Input Voltage Range (V)	110 Vac – 300 Vac \pm 3% @ 60% Load	110 Vac – 300 Vac \pm 3% @ 60% Load
	Power Factor	\geq 0.99	\geq 0.99
Output	Topology	Online	Online
	Output Power Capacity (Watts)	6000 W	10000 W
	Output Power Capacity (VA)	6000 VA	10000 VA
	Nominal Output Voltage	220/230/240VAC	220/230/240VAC
	Frequency Range (Sync.mode)	50 Hz+/- 4 Hz or 60Hz +/- 4 Hz	50 Hz+/- 4 Hz or 60Hz +/- 4 Hz
	AC Voltage Regulation	\pm 1%	\pm 1%
	Frequency Range (Batt. Mode)	50 Hz+/- 0.1 Hz or 60Hz +/- 0.1 Hz	50 Hz+/- 0.1 Hz or 60Hz +/- 0.1 Hz
	Transfer Time (AC to DC)	Zero	Zero
	Waveform Type	Pure Sinewave	Pure Sinewave
	Total Output Connections	Terminal Block	Terminal Block
	Efficiency (AC Mode)	94%	94%
	Current Crest Ratio	3:1	3:1
	External Battery Pack	Charging Current	1 to 4 A (adjustable)
Battery Type		Maintenance-free sealed Lead-Acid battery	Maintenance-free sealed Lead-Acid battery
Part Number		SRV240RLBP-9A	SRV240RLBP-9A
Physical	Dimension, D X W X H (mm)	Power Module: 615 x 438 x 86.5 (2U)	Power Module: 615 x 438 x 86.5 (2U)
		Battery Pack: 606x 438 x 131 (3U)	Battery Pack: 606x 438 x 131 (3U)
	Weight (kgs)	Power Module:14 Battery Pack:63	Power Module:16 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	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix
	Input Breaker	✓	✓
	Battery user disconnecter	✓	✓
Protection	Surge Energy Rating (Joules)	600J	
ENVIRONMENT	Humidity	0 to 95% relative humidity, non-condensing	0 to 95% relative humidity, non-condensing
	Temperature	0° to 40°C at rated load	0° to 40°C at rated load
	Noise Level	Less than 55dB	Less than 58dB
Conformance	Regulatory Approvals	CE	