

APC Easy UPS 1 Ph Online

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.



www.apc.com

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APC Easy UPS 1 Ph Online Standard Features (1-10kVA)



High power factor
More real output power in watts 0.8 Pf (1, 2, 3 kVA). Unity Pf (6,10 kVA)

Input power factor correction
(0.95 under normal input and full load)
Minimizes installation costs by enabling the use of smaller generators and cabling

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

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

Wide input voltage range
(Half load: 110-300VAC)
Allows for unstable power environments

Intelligent battery management
Maximizes battery performance, life, and reliability through intelligent precision temperature compensated charging

Built-in Automatic and Manual 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 RS232)

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

Environmentally robust
Conformal coated

ECO mode / Green mode
An energy saving mode that allows the input voltage regulation range to be set and modified through the LCD display

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

Excellent power quality and performance
True double conversion provides tight voltage and frequency regulation and zero transfer time for reactive loads such as machinery or lab equipment

APC Easy UPS 1 Ph Online Additional Features (6&10kVA)

Input power factor correction
(0.99 under normal input and full load)
Minimizes installation costs by enabling the use of smaller generators and cabling

High power factor
More real output power in watts. PF=1

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

Emergency Power Off (EPO)
Immediately remove power to all connected equipment in the event of emergency



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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LCD display

1. On/Off Status LED
Indicates power is on
2. On/Off Button
Press to power UPS on or off
3. Alert LED
Flashes red when UPS has a notification or is in a steady state when there is a fault
4. Mute/ESC button
Mutes current alarm temporarily and also serves as the escape key when navigating the sub menus of the display
5. Enter key
Press to enter the display menus and chose an option within the menu
6. Up/Down arrows
Keys for navigation through the display menu

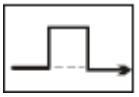
LCD display icons



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

Technical Specifications

UPS Model	SRV1KI	SRV2KI	SRV3KI
Output			
Power Capacity	800 W / 1000 VA	1600 W / 2000 VA	2400 W / 3000 VA
Nominal Output Voltage	220/230/240 VAC		
Output Frequency Range (sync mode)	47-53 Hz or 57-63 Hz		
Topology and output waveform	Double conversion online; sine wave		
Output Connections	(3) IEC C13	(4) IEC C13	(6) IEC C13, (1) C19
Input			
Nominal Input Voltage	220/230/240 VAC		
Input Frequency	40 - 70 Hz		
Input Voltage Range	110-300 at 60% load		
Input Connection	IEC C14		IEC C20
Batteries			
Battery Type	12 V / 9 AH X 2	12 V / 9 AH X 4	12 V / 9 AH X6
Typical recharge time	4 hours to recover to 90% capacity		
Runtime Estimates at full and half load, min	400W / 800 W	800 W / 1600 W	1200W / 2400 W
Half Load Runtime (min)	10	10	10
Full Load Runtime (min)	4	4	4
Communication and management			
DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC		
Intelligent Slot	Mini slot		
Control panel and audible alarms	Multi-function LCD status and control console		
Emergency power off (EPO)	No		
Surge Protection and Filtering			
Surge Energy Rating (Joules)	600 J		
Physical			
Dimension DxWxH(mm)	288 x 145 x 223	400 x 145 x 238	425 x 190 x 336
Weight (kgs)	9.3	16.8	26.8
Conformance			
Regulatory	CE		
Warranty	2 years		

Technical Specifications

UPS Model	SRV6KI	SRV10KI
Output		
Power Capacity	6000 W / 6000 VA	10,000 W / 10,000 VA
Nominal Output Voltage	220/230/240 VAC	
Output Frequency Range (sync mode)	60 Hz or 50 Hz +/- 0.1 Hz	
Topology and output waveform	Double conversion online; sine wave	
Output Connections	Terminal block	
Input		
Nominal Input Voltage	220/230/240 VAC	
Input Frequency	40 - 70 Hz	
Input Voltage Range	110-300 at 60% load	
Input Connection	Terminal block	
Batteries		
Battery Type	12 V / 7 AH x 16	12 V / 9 Ah x 16
Typical recharge time	4 hours to recover to 90% capacity	
Runtime Estimates at full and half load, min	3000 W / 6000 W	5000 W / 10000 W
Half Load Runtime (min)	10	7
Full Load Runtime (min)	3.5	2
Communication and management		
DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC	
Intelligent Slot	Mini slot	
Control panel and audible alarms	Multi-function LCD status and control console	
Emergency power off (EPO)	Yes	
Surge Protection and Filtering		
Surge Energy Rating (Joules)	600 J	
Physical		
Dimension DxWxH(mm)	374 x 190 x 685	447 x 190 x 685
Weight (kgs)	54	65
Conformance		
Regulatory	CE	
Warranty	2 years	

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