

APC Easy UPS 1 Phase Online

Family Brochure

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

APC Easy UPS Online is a versatile, highquality, cost competitive UPS developed to handle a wide voltage range and inconsistent power conditions, delivering the quality millions of IT professionals around the world trust.



That's Certainty in a Connected World.

www.apc.com





APC Easy UPS 1 Ph Online Features

- > Tower Models (standard & extended runtime)
 - Available in 1, 2, 3, 6, 10 KVA
- Rack Models (standard & extended runtime)
 - Available in 1, 2, 3, 6, 10 KVA



Extended Runtime Models Available

Add external battery packs to scale runtime from minutes to hours, fulfilling the needs of long runtime applications

ECO Mode / Green Mode

Energy saving mode allows input voltage regulation range to be be set/modified through the LCD display

Generator Compatible

Ensures clean, uninterrupted power to the loads during an extended power outage

High Power Factor

More real output power in watts: 0.8 PF for 1, 2 & 3 kVA, unity PF for 6 & 10 kVA

Environmentally Robust Conformal coated

Intelligent Battery Management

Maximizes battery performance through intelligent precision temperature compensated charging

Overvoltage Cutoff Device Protection

Under special application with high voltage condition, OVCD protection will prevent the damage of UPS components and extend UPS lifespan

Input Power Factor Correction

Minimizes installation costs by enabling the use of smaller generators and cabling

Excellent Power Quality and Performance

True Double Conversion provides tight voltage, frequency regulation and zero transfer time for reactive loads

Wide Input Voltage Range

60% Load: 110-300VAC (applicable to 6 & 10 kVA models) Allows for unstable power environments and minimizes transfer to battery

USB Port / Serial Port

Provides management of the UPS via USB/serial communication

Flash Upgradeable Firmware

Allows for field updates of firmware via communication ports

LCD/LED Display

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

Power Conditioning

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





APC Easy UPS 1 Ph Online Additional Features

Built-in Automatic Bypass

Ensures seamless power to the load even in the event of catastrophic UPS failure

Emergency Power Off (EPO)

Immediately remove power to all connected equipment in the event of emergency (applicable to standard & extended runtime 6 & 10 kVA models)

Safety Agency Approved

Tested and approved to work with the connected service provider equipment and within the specified environment



Easy UPS Online LCD Display



1 On/Off Status LED: indicates power is ON 2 On/Off Button: Press to turn UPS On or OFF 4 Mute/ESC button: Mutes alarm and serves as the Escape 5 Enter Key: Press to enter the display menus and choose an

- s to 3 Alert LED: lashes red when UPS has a notification or is steady state when there is a fault
 - 6 Up/Down Arrows: Navigate keys through the display menus

LCD Display Icons

key when in the sub

menus of the display





ALARM



option within the menu

An internal fault

is detected



UPS is in bypass mode









Mute: audible alarm disabled

Overload- connected load is

drawing more than the power



SEE MANUAL Alert: UPS has detected error. Please see user's manual for details



ECO mode: illuminated when the unit provides utility power and power is within configured ranges



rating



Easy UPS Online Accessories

Additional solution enhancement options

Dry Contact Card (VGL9901I)

The UPS management accessory provides one dry contact input and six relay output interfaces to Easy UPS SRV series.

Ideal applications:

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

SNMP Card (APV9601)

SNMP Card provides direct communication with your APC Easy UPS and monitors the following:

- UPS status: load, battery charge, voltage
- Battery status: healthy, capacity & runtime
- Shutdown Wizard: remotely shuts down and reboots
 server

Rail Kits (SRVRK1, SRVRK2)

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

SRVKR1:

• Rail Kit for UPS / Battery Pack (700mm)

SRVKR2

• Rail Kit for Battery Pack (900mm)



UPS Dry Contact Card VGL9901I



UPS Network Management Card: APV9601





Life Is On



Mc	odel	SRV1KI	SRV2KI	SRV3KI	SRV6KI	SRV10KI	
	Nominal Input Voltage			230Vac			
Input	Input Connection	IEC C14		IEC C20	Terminal Block		
		50/60 Hz				I DIOON	
Input	Input Frequency Input Voltage Range						
	(60% Load)	110 Vac – 285 Vac			110 Vac – 300 Vac ± 3%		
	(100% Load)	≥ 0.95			≥ 0	.99	
	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	
	Output Voltage			220/230/240VAC			
Output	Frequency (Battery Mode)		50/60Hz +/- 0.5%	50/60Hz +/- 0.1 Hz			
	Waveform Type	Pure Sinewave					
	Output Voltage Regulation	± 1%					
	Transfer Time (AC to DC)			Zero	-		
	Total Output Connections	IEC 3*C13	IEC 4*C13	IEC 6*C13+1*C19	Termina	al Block	
	Efficiency (AC Mode)		88%		94	%	
	Current Crest Ratio						
Battery	Battery Type	12 V / 9 AH X 2	12 V / 9 AH X 4	12 V / 9 AH X 6	12 V / 7 AH x 16	12 V / 9 AH x 1	
	Typical Recharge Time	4 hours recover to 90% capacity			3 hours recover to 90% capacity		
Runtime Estimates	Half Load (min)	11			12.2	10	
	Full Load (min)	4			4	3	
Physical	Dimension, D X W X H (mm)	288 x 145 x 223	400 x 145 x 238	425 x 190 x 336	374 x 190 x 685	447 x 190 x 68	
- nyoloal	Weight (kgs)	9.3	16.8	26.8	54	65	
Features	LED		√	√	√		
	LCD	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators					
	EPO	-			✓	1	
	USB Communication Port		√	√	√		
	Intelligent Slot	Yes					
	DB-9 RS-232		Supports Wi	a/2008/7/8/10			
	Input Breaker	√			√	√	
	Battery User Disconnector	✓			✓	√	
	Manual Maintenance Bypass		-	√	√		
	ECO Mode		√	√	√		
Protection	Surge Energy Rating (Joules)	600 J					
	Humidity	0 to 95% relative humidity, noncor			condensing 0° to 40°C at rated load		
Environment	Temperature Noise Level		0° to 40°C at rated load Less than 50dBA		0° to 40°C a Less than 55dB	t rated load Less than 58dl	
Conformance	Regulatory Approvals	CE					
	Warranty	2 years					





Мс	odel	SRV1KRI(RK)	SRV2KRI(RK)	SRV3KRI(RK)	SRV6KRI(RK)	SRV10KRI(RK	
	Nominal Input Voltage	230Vac					
Input	Input Connection	IEC C14 IEC C20 Terminal BI				al Block	
	Input Frequency						
	Input Voltage Range (60% Load)		110 Vac – 285 Vac		110 Vac – 3	00 Vac ± 3%	
	Input Power Factor (100% Load)		≥ 0.95	≥ ().99		
	Topology						
	Output Power Capacity (Watts)	800 W	1600 W	Online 2400 W	6000 W	10000 W	
	Output Power Capacity (VA)	1000 VA	2000 VA	3000 VA	6000 VA	10000 VA	
	Output Voltage		<u> </u>	220/230/240VAC		<u> </u>	
Output	Frequency (Battery Mode)	50/60Hz +/- 0.5%			50/60Hz +/- 0.1 Hz		
Output	Waveform Type	Pure Sinewave					
	Output Voltage Regulation			± 1%			
	Transfer Time (AC to DC)			Zero			
	Total Output Connections	IEC 3*C13	IEC 4*C13	IEC 6*C13+1*C19	Termin	al Block	
	Efficiency (AC Mode)		88%		94	4%	
	Current Crest Ratio			3:1			
Potton	Battery Type Maintenance-free sealed Lead-Acid ba						
Dattery	Typical Recharge Time	4 hours recover to 90% capacity 3 hours recover to 90% ca					
Runtime Estimates	Half Load (min)	11	12	13	12.2	10	
	Full Load (min)	4	4	4	4	3	
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	UPS:612 x 438 x 88 (2U) BATT:710 x 438 x 88	
	Weight (kgs)	44	10.0	07.0	(2U) UPS:14	(2U) UPS:16.5	
	Weight (kgs) LED	11	18.2	27.6	BATT:46	BATT:53	
	LED	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators					
Features	EPO	-				↓	
	USB Communication Port		✓	✓	↓ ↓		
	DB-9 RS-232	Supports Windows 2000/2003/XP/Vista/2008/7/8/10					
	Input Breaker			√	√		
	Battery User		 ✓	↓ ↓	↓ ↓		
	Disconnector ECO Mode						
Drotostica	Surge Energy Rating	✓ ✓ ✓				1	
Protection	(Joules) Humidity	000 3					
Environment	Temperature		0 to 95% relative humidity, noncondensing 0° to 40°C at rated load				
	Noise Level		Less than 50dBA	CE	Less than 55dB	Less than 58dB	
Conformance	Regulatory Approvals Warranty			2 years			
				Life Is (PC	



Input	Nominal Input Input Conr Input Voltag (60% Ld Input Power (100% L Topold Dut Power Ca tput Power C Output Vo Freque (Battery N Waveform utput Voltage ransfer Time otal Output C Efficiency (A Current Cree Charging (Battery ⁻ Part Nur mension, W X H (mm)	ection enection ency (V) e Range bad) r Factor oad) gy pacity (Watts) apacity (Watts) apacity (VA) oltage ncy Aode) r Type Regulation (AC to DC) onnections C Mode) st Ratio Current	IEC C14 IEC C14 800 W 1000 VA IEC C13*3 IEC C13*3 SRV36BP-9A 288 x 145 x 223	IEC C14 110 Vac - 285 Vac ≥ 0.95 1600 W 2000 VA 50/60Hz +/- 0.5% IEC C13*4 88% 4A Maintena SRV72BP-9A 400x 145 x 238	230Vac IEC C20 50Hz / 60 Hz Online 2400 W 3000 VA 220/230/240VAC Pure Sinewave ± 1% Zero IEC C13*6 + IEC C19*1 3:1 nce-free sealed Lead-A SRV72BP-9A 400x 145 x 238	110 Vac – 3 ≥ (6000 W 6000 VA 50/60Hz Termin 94 1 to 4 A (a	al Block 00 Vac ± 3% 0.99 10000 W 10000 VA +/- 0.1 Hz al Block 4% adjustable) SRV240BP-9A 447x 190 x 336	
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External Battery Pack	ransfer Time otal Output C Efficiency (A Current Cre Charging (Battery Part Nur nension,	(AC to DC) onnections C Mode) st Ratio Current Type nber Power Module Battery	SRV36BP-9A 288 x 145 x 223	4A 4A Maintena SRV72BP-9A	Zero IEC C13*6 + IEC C19*1 3:1 nce-free sealed Lead-A SRV72BP-9A	1 to 4 A (a cid battery SRV240BP-9A	4% adjustable) SRV240BP-9/	
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External Battery Pack	Efficiency (A Current Cre Charging (Battery Part Nur nension,	C Mode) est Ratio Current Type mber Power Module Battery	SRV36BP-9A 288 x 145 x 223	4A 4A Maintena SRV72BP-9A	IEC C19*1 3:1 nce-free sealed Lead-A SRV72BP-9A	1 to 4 A (a cid battery SRV240BP-9A	4% adjustable) SRV240BP-9A	
External Battery Pack	Current Cre Charging (Battery ⁻ Part Nur nension,	st Ratio Current Type nber Power Module Battery	288 x 145 x 223	4A Maintena SRV72BP-9A	3:1 nce-free sealed Lead-A SRV72BP-9A	1 to 4 A (a cid battery SRV240BP-9A	adjustable) SRV240BP-9A	
Battery Pack	Charging (Battery ⁻ Part Nur nension,	Current Type nber Power Module Battery	288 x 145 x 223	Maintena SRV72BP-9A	nce-free sealed Lead-A	cid battery SRV240BP-9A	SRV240BP-9A	
Battery Pack	Battery ⁻ Part Nur nension,	Type nber Power Module Battery	288 x 145 x 223	Maintena SRV72BP-9A	SRV72BP-9A	cid battery SRV240BP-9A	SRV240BP-9/	
Physical Weig	Part Nur nension,	nber Power Module Battery	288 x 145 x 223	SRV72BP-9A	SRV72BP-9A	SRV240BP-9A		
Physical Weig	nension,	Power Module Battery	288 x 145 x 223					
Physical Weig		Module Battery		400x 145 x 238	400x 145 x 238	374 x 190 x 336	447x 190 x 33(
Physical Weig								
			400 x 145 x 238	425 x 190 x 336	425 x 190 x 336	485 x 190 x 368	485 x 190 x 36	
	Weight (kgs)	Power Module	4.4	7.1	7.8	13	16.5	
		Battery Pack	19.6	38	38	60	60	
	LED	1	√	√	✓	√	√	
	LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators					
	EPO		-	-	-	1	✓	
Features	USB communication port		√	√	√	√	√	
	DB-9 RS-232			Supports Wir	ndows 2000/2003/XP/Vis	ta/2008/7/8/10		
	Input Breaker		~	~	~	1	~	
	Intelligen		✓	✓	✓	✓	✓	
	Battery user disconnector		√	√	√	✓ ✓	√	
Man	Manual Maintenance Bypass		-	-	-	✓	✓	
	ECO Mode		✓	✓	✓	√	√	
Protection Surg	ge Energy Ra		600 J					
	Humidity		0 to 95% relative humidity, non-condensing					
Invironment	Temperature			0° to 40°C at rated load				
	Noise Level		Less than 50dB Less than 55dB Less than 58dB					
conformance	NUISE L	Regulatory Approvals		CE				



Easy l	JPS 1 Pł	n Online	e Extended F	Runtime Model	s (Rack Moun	t)			
	Model		SRV1KRIL	SRV2KRIL	SRV3KRIL	SRV6KRIL	SRV10KRIL		
	Nominal Input Voltage		230Vac						
	Input Connection		IEC C14	IEC C14	IEC C20	Terminal	Block		
Input	Input Frequency		50Hz / 60 Hz						
	Input Voltage Range (60% Load)		110 Vac – 285 Vac			110 Vac – 300 Vac ± 3%			
	Input Power Factor (100% Load)		≥ 0.95			≥ 0.99			
	Topol		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		
	Output \		220 / 230 / 240VAC						
	Frequency (Battery Mode)		50/60Hz +/- 0.5%			50/60Hz +/- 0.1 Hz			
Output	Waveform Type		Pure Sinewave						
	Output Voltage Regulation		± 1%						
	Transfer Time (AC to DC)			Zero					
	Total Output Connections		IEC C13*4	IEC C13*4	IEC C13*6 + IEC C19*1	Terminal	Block		
	Efficiency (AC Mode)			88%		94%	6		
	Current Crest Ratio		3:1						
External	Charging Current		4A 1 to 4 A (adjustable)						
Battery	Battery Type		Maintenance-free sealed Lead-Acid battery						
Pack	Part Number		SRV36RLBP-9A	SRV72RLBP-9A	SRV72RLBP-9A	SRV240RLBP-9A	SRV240RLBP-9A		
	Dimension, Module		332 x 438 x 86	462 x 438 x 86		615 x 438 x 86.5 (2U)	615 x 438 x 86.5 (2U)		
Physical	(mm) Battery Pack		412 x 438 x 86	632 x 438 x 86		606 x 438 x 131 (3U)	606x 438 x 131 (3U)		
-	Weight (kas)	Power Module	6	9.2	9.2 9.5		16		
	weight (kgs)	Battery Pack	21	42	5	63	63		
	LEI	D	~	√	~	√	✓		
Features	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/2008/7/8/10						
	Input Breaker		✓	√	✓	√	√		
	Intelligent Slot		✓ ✓	✓ ✓	✓ ✓	1	✓ ✓		
	Battery user disconnector ECO Mode		✓ ✓	✓ ✓	√ √	√ √	✓ ✓		
:			v	•		· ·	· ·		
Protection	Surge Energy R Humi			0 to 959	600J	densina			
Environment	Humidity Temperature			0 10 937	0° to 40°C at rated load	uonong			
Environment	Noise			Less than 50dB		Less than 55dB	Less than 58dB		
	Regulatory				CE		Loss than ooub		
Conformance					2 Years				





Life Is On by Schneider Electric

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