

APC Easy UPS 1 Ph SMV Series

Ensuring Performance and Reliability

For IT professionals in small to medium businesses, APC™ by Schneider Electric delivers a new UPS category designed for the essential power protection needs even in the most unstable power conditions, introducing the APC Easy UPS 1 Ph Line Interactive with Sinewave.

APC Easy UPS 1 Ph Line-Interactive with Sinewave is a versatile UPS developed to handle a wide voltage range, and inconsistent power conditions with pure sinewave output on battery backup power. 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 SMV Series Standard Features



Power Factor

More real output power with 0.7 Pf

Pure Sinewave

A pure form of sinewave designed to emulate utility power, will support your device upon battery backup

Generator Compatible

Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications

LCD Display

Intuitive interface provides detailed and accurate information at a glance

Rugged Metal Construction

Easy UPS SMV is built with resilient sheet metal that rigidly holds and protects critical electrical components

Automatic Voltage Regulation

Automatically steps up low voltage and steps down high voltage to levels that are suitable for your equipment

Generous Number of Outlets

6 battery backup and surge protected outlets are included across all SMV Easy UPS



Battery Connector

A convenient way to disconnect the battery for transport

Dry contact port and intelligent slot

Provides dry contact signals for remote UPS monitoring. Intelligent Slot also available to add a management card (sold separately) to enable remote UPS monitoring

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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Easy UPS Remote Management Solution

Enable monitoring and control with an additional purchase



- Provides SNMP MIB to monitor and control your UPS
- Auto-senses 10M/100M/1000M Fast Ethernet Manage and configure via Web Browser or NMS
- Supports TCP/IP, UDP, SNMP, HTTPS, SMTP, FTPS Protocols
- Supports SSL/TLS, Encryptions
- Provides easy setup and upgrade tools via Easy UPS LI SNMP Manager software
- Sends SNMP TRAP; e-mail for events notification
- E-mails daily UPS history report
- Performs graceful shutdown via Easy UPS Line Interactive Shutdown software



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Technical Specifications

UPS Model	SMV750CAI	SMV1000CAI	SMV1500CAI
Output			
Output Power Capacity	525 W / 750 VA	700 W / 1000 VA	1050 W / 1500 VA
Nominal output voltage	230 V		
Output Frequency (Batt. Mode)	50 Hz or 60 Hz \pm 1 Hz		
Topology	Line Interactive		
Output Waveform	Sinewave		
Transfer Time	2 – 6ms typical		
Output Connections	(6) IEC C13		
Input			
Input Voltage Options	220, 230, 240 VAC		
Nominal Input voltage	230 VAC		
Input frequency	50/60 Hz (auto sensing)		
Input Voltage Range	165-290 VAC \pm 5 VAC		
Input Connection	IEC C14		
Battery			
Battery Type	Maintenance-free sealed lead-acid battery		
Typical recharge time	4-6 hours recover to 90% capacity		
Runtime at Full Load	> 2mins 30secs	> 2mins 30secs	> 2mins 30secs
Battery Connector	Yes		
Communication and Management			
USB Port	Supports Windows® Windows 7 / Server 2012 / 10 / Server 2016		
RS-232	Yes		
Dry Contact	Yes		
Intelligent Slot	Yes		
LCD Display	AC Mode, AVR Mode, Battery Mode, Battery Level, Load Level, Input Voltage, Output Voltage, System Error, Battery Malfunction		
Physical			
Dimensions (DxWxH) (mm)	410 x 160 x 220		
Net weight (kg.)	13.6	13.6	17.8
Conformance			
Regulatory Approvals	CE		
Warranty	2 years		

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Technical Specifications

UPS Model	SMV2000CAI	SMV3000CAI
Output		
Output Power Capacity	1400 W / 2000 VA	2100 W / 3000 VA
Nominal output voltage	230 V	
Output Frequency (Batt. Mode)	50 Hz or 60 Hz \pm 1 Hz	
Topology	Line Interactive	
Output Waveform	Sinewave	
Transfer Time	2 – 6ms typical	
Output Connections	(6) IEC C13	
Input		
Input Voltage Options	220, 230, 240 VAC	
Nominal Input voltage	230 VAC	
Input frequency	50/60 Hz (auto sensing)	
Input Voltage Range	165-295 VAC \pm 8 VAC	
Input Connection	IEC C14	IEC C20
Battery		
Battery Type	Maintenance-free sealed lead-acid battery	
Typical recharge time	4-6 hours recover to 90% capacity	
Runtime at Full Load	> 2 mins 30 secs	> 2 mins 30 secs
Battery Connector	Yes	
Communication and Management		
USB Port	Supports Windows® Windows 7 / Server 2012 / 10 / Server 2016	
RS-232	Yes	
Dry Contact	Yes	
Intelligent Slot	Yes	
LCD Display	AC Mode, AVR Mode, Battery Mode, Battery Level, Load Level, Input Voltage, Output Voltage, System Error, Battery Malfunction	
Physical		
Dimensions (DxWxH) (mm)	455 x 180 x 240	
Net weight (kg.)	23.5	25.2
Conformance		
Regulatory Approvals	CE	
Warranty	2 years	

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APC Easy UPS SMV 1500VA 230V SMV1500CAI

- Includes: Documentation CD, USB cable, User manual

Output	
Output power capacity	1.05kWatts / 1.5kVA
Max Configurable Power (Watts)	1.05kWatts / 1.5kVA
Nominal Output Voltage	230V
Output Frequency (sync to mains)	50/60 Hz +/- 1 Hz Unsynchronised
Load Crest Factor	3 : 1
Topology	Line interactive
Waveform type	Sine wave
Output Connections	(6) IEC 320 C13 (6) IEC 60320 C13
Transfer Time	2 ms typical

Input	
Nominal Input Voltage	230V
Input frequency	45 - 65 Hz Auto-sensing
Input Connections	IEC 60320 C14
Input voltage range for main operations	160 - 295V
Number of Power Cords	1
Other Input Voltages	220, 240

Batteries & Runtime	
Battery type	Lead-acid battery
Typical recharge time	4hour(s)

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

Technical Specifications

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Batteries & Runtime	
Expected Battery Life (years)	3 - 5
Battery Charge Power (Watts)	54 Watts
Battery Volt-Amp-Hour Capacity	240
Runtime	View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	DB-9 RS-232, Intelligent Smart Slot, USB
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Available SmartSlot™ Interface Quantity	1

Physical	
Maximum Height	220MM, 22.0CM
Maximum Width	160MM, 16.0CM
Maximum Depth	410MM, 41.0CM
Net Weight	17.8KG
Shipping weight	20.75KG
Shipping Height	339MM, 33.9CM
Shipping Width	272MM, 27.2CM
Shipping Depth	508MM, 50.8CM

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 3048meters
Storage Temperature	-10 - 40 °C
Storage Elevation	0 - 3048meters
Audible noise at 1 meter from surface of unit	45.0dBA

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Technical Specifications

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Conformance	
Approvals	CE
Standard warranty	2 years repair or replace

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