

# 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](http://www.apc.com)

Life Is On

**APC**  
by Schneider Electric

# 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

Life Is On

**APC**  
by Schneider Electric



# 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



Life Is On

**APC**<sup>™</sup>  
by Schneider Electric

# Technical Specifications

UPS Model	SMV750CAI	SMV1000CAI	SMV1500CAI
<b>Output</b>			
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		
<b>Input</b>			
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		
<b>Battery</b>			
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		
<b>Communication and Management</b>			
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		
<b>Physical</b>			
Dimensions (DxWxH) (mm)	410 x 160 x 220		
Net weight (kg.)	13.6	13.6	17.8
<b>Conformance</b>			
Regulatory Approvals	CE		
Warranty	2 years		

Life Is On



# Technical Specifications

UPS Model	SMV2000CAI	SMV3000CAI
<b>Output</b>		
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	
<b>Input</b>		
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
<b>Battery</b>		
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	
<b>Communication and Management</b>		
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	
<b>Physical</b>		
Dimensions (DxWxH) (mm)	455 x 180 x 240	
Net weight (kg.)	23.5	25.2
<b>Conformance</b>		
Regulatory Approvals	CE	
Warranty	2 years	

Life Is On



Life Is n



132 Fairgrounds Rd  
West Kingston, RI 02892  
Phone: + 01 (401) 789-5735  
[www.apc.com](http://www.apc.com)

© 2019 Schneider Electric. All Rights Reserved. Schneider Electric | Life Is On, APC, and PowerChute are trademarks and the property of Schneider Electric SE, its subsidiaries, and affiliated companies. All other trademarks are the property of the respective owners.



## APC Easy UPS SMV 1000VA 230V SMV1000CAI

- Includes: Documentation CD, USB cable, User manual

### Output

Output power capacity	700 Watts / 1.0kVA
Max Configurable Power (Watts)	700 Watts / 1.0kVA
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 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)
Expected Battery Life (years)	3 - 5

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

APC Easy UPS SMV 1000VA 230V | SMV1000CAI | Downloaded on 01/21/2021 (EST)

Batteries & Runtime	
Battery Charge Power (Watts)	37 Watts
Battery Volt-Amp-Hour Capacity	168
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)	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	13.6KG
Shipping weight	16.6KG
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

Conformance	
Approvals	CE

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

APC Easy UPS SMV 1000VA 230V | SMV1000CAI | Downloaded on 01/21/2021 (EST)

Conformance	
Standard warranty	2 years repair or replace

**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.