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.

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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
4 to 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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Technical Specifications

UPS Model	SMV750I-MSX	SMV1000I-MSX	SMV1500AI-MSX
Output			
Output power capacity	525 W / 750 VA	700 W / 1000 VA	1050 W / 1500 VA
Nominal output voltage	230 VAC		
Output frequency (batt. mode)	50 Hz or 60 Hz ± 1 Hz		
Topology	Line Interactive		
Output waveform	Sinewave		
Transfer time	2 – 6 ms typical, 12 ms max		
Output connections	(4) Universal (-MS)		
Input			
Input voltage options	220/230/240 VAC		
Input voltage range	165-290 VAC ± 5 VAC		
Input frequency	45-65 Hz (auto sensing) ± 1 Hz		
Input connection	IEC C14 (with UK plug)		
Battery			
Battery type	Maintenance-free sealed lead-acid battery		
Typical recharge time	4-6 hours recover to 90% capacity		
Battery capacity	12 V / 7 Ah x 2		12 V / 10 Ah x 2
Battery connector	Yes		
Communication and Management			
USB port	Supports Windows® Windows 7 / Server 2012 / 10 / Server 2016		
RS-232	Yes		
Dry contact	No		
Intelligent slot	No		
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		
Dimensions (DxWxH) (inch)	16.1 x 6.3 x 8.7		
Net weight (kg.)	13.6		17.8
Environmental			
Operating temperature and humidity	0-90% RH @ 0-40 °C (non-condensing)		
Noise level	< 45 dB		
Conformance			
Warranty	2 years		

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Technical Specifications

UPS Model	SMV2000AI-MSX	SMV3000AI-MSX
Output		
Output power capacity	1400 W / 2000 VA	2100 W / 3000 VA
Nominal output voltage	230 VAC	
Output frequency (batt. mode)	50 Hz or 60 Hz ± 1 Hz	
Topology	Line Interactive	
Output waveform	Sinewave	
Transfer time	2 – 6 ms typical, 12 ms max	
Output connections	(6) Universal (-MS)	
Input		
Nominal input voltage	220/230/240 VAC	
Input voltage range	165-295 VAC ± 8 VAC	
Input frequency range	45-65 Hz (auto sensing) ± 1 Hz	
Input connection	IEC C14 (with UK plug)	IEC C20 (with UK plug)
Battery		
Battery type	Maintenance-free sealed lead-acid battery	
Typical recharge time	4-6 hours recover to 90% capacity	
Battery capacity	12 V / 7 Ah x 4	12 V / 9 Ah x 4
Battery connector	Yes	
Communication and Management		
USB port	Supports Windows® Windows 7 / Server 2012 / 10 / Server 2016	
RS-232	Yes	
Dry contact	No	
Intelligent slot	No	
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	
Dimensions (DxWxH) (inch)	18 x 7.1 x 9.4	
Net weight (kg.)	23.5	25.2
Environmental		
Operating temperature and humidity	0-95% RH @ 0-40 °C (non-condensing)	
Noise level	< 45 dB	
Conformance		
Warranty	2 years	

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