

Technical specifications SUA Series



APC Smart-UPS XL 1000VA USB
& Serial 230V No Battery with 15ACharger

SUA1000UXI-IN / SUA750I-IND / SUA1000I-IND



- Three battery backed outlets with continuous surge protection
- Faster charging 4-6 hours
- Battery Saver : Increases battery life up to two times. Experience consistent runtime through the battery life#
- Wide input voltage window : 145 V to 290 V
- Compatible with low power loads e.g. wifi router, DSL modem
- 1 Year Warranty: covers parts & labor, including battery
- Cold start capability allows the load to power on just on battery
- Automatic Voltage Regulation (AVR) corrects incoming voltage
- Beeper Delay : Stays quiet during changeover from mains to generator
- approx value when compared with the battery life without activating this feature
- Separate Charging LED



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Technical specifications SUA750I-IND

Main	
Main Input Voltage	230 V
Main Output Voltage	230 V
Rated power in W	500 W
Rated power in VA	750 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 320 C14
output connection type	6 IEC 320 C13 2 IEC Jumpers
Battery type	Lead-acid battery
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual USB cable
Batteries & Runtime	
Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	0
Number of battery filled slots Redundant	0
Physical	
Height	15.7 cm
Width	13.7 cm
Depth	36.1 cm
Net weight	13.18 kg
Mounting preference	No preference
mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Input	
Input voltage limits	151 - 302 V adjustable 160V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output	
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	750 VA
Maximum configurable power in W	500W
Transfer time	2 ms. typical
UPS type	Line interactive
Wave type	Sine wave
Runtime at 100W	0:58:00
Runtime at 200W	0:27:00
Runtime at 300W	0:14:00
Runtime at 400W	0:09:30
Runtime at 500W	0:06:45
Runtime at 50W	2:00:00
Output frequency	47 to 53 Hz for 50 Hz nominal sync to mains 57 to 63 Hz for 60 Hz nominal sync to mains
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29 cm
Package 1 Width	50 cm
Package 1 Length	27 cm
Package 1 Weight	14.55 kg
Contractual warranty	
Warranty	1 year repair or replace

Technical Specifications SUA1000I-IND

Main	
Main Input Voltage	230 V
Main Output Voltage	230 V
Rated power in W	670 W
Rated power in VA	1000 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	India 3-pin 6A
output connection type	4 India 3-pin 6A
Battery type	Lead-acid battery
Provided equipment	CD with software Smart UPS signaling RS-232 cable User manual USB cable
Range of product	Smart-UPS
Communication Port	Smart Slot
Batteries & Runtime	
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	0 Number of battery filled slots
Number of battery free slots	0
Battery recharge time	3 h
Battery life	2...4 year(s)
Battery charger power	88 W rated
General	
Physical	
Height	21.6 cm
Width	17 cm
Depth	43.9 cm
Net weight	18.82 kg
Two post mountable	0
USB compatible	No
Input	
Plug standard	India 3-pin 6A
Input voltage limits	151 to 302 V adjustable
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output	
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	670 W
UPS type	Line interactive
Output frequency Conformance	47 to 53 Hz for 50 Hz nominal sync to mains
Product certifications	BIS
Environmental	
acoustic level	41 dBA
Heat dissipation	100 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	
Ambient air temperature for storage	0...40 °C -15...45 °C
Storage altitude	0.0000000000...15240.0000000000 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %
Communications & Management	
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Surge Protection and Filtering Surge energy rate	320 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	38.1 cm
Package 1 Width	58.4 cm
Package 1 Length	33 cm
Package 1 Weight	20.87 kg
Warranty	2 years repair or replace

Technical Specifications SUA1000UXI-IN

Main	
Main Input Voltage	230 V
Main Output Voltage	230 V
Rated power in W	800 W
Rated power in VA	1000 VA
Input Connection Type	IEC 320 C14
Number of cables	1
Battery type	External battery system
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual
Batteries & Runtime	
Run Time	View Runtime Graph 
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Number of power module filled Slots	0
Number of power module free Slots	0
product web sub-family	Extended run
Redundant	No
Physical	
Height	21.6 cm
Width	17 cm
Depth	43.9 cm
Net weight	12.91 kg
mounting location	Front
Mounting preference	No preference
Two post mountable	0
Input	
Input voltage limits	151.302 V adjustable 160 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output	
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1000VA
Maximum configurable power in W	800W
UPS type	Line interactive Sine Wave
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains
Environmental	
acoustic level	42 dBA
Heat dissipation	120 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0.0000000000...15240.0000000000 m
Relative humidity	0...95 %
Storage Relative Humidity	0...95 %
Communications & Management	
Free slots	1
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Surge Protection and Filtering	
Surge energy rate	480 J
Noise suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	38.1 cm
Package 1 Width	58.4 cm
Package 1 Length	33 cm
Package 1 Weight	15 kg
Warranty	2 years repair or replace