# Product data sheet Characteristics

**SMT1000US** APC Smart-UPS 1000VA LCD 120V TAA (Not for sale in CO, VT or WA)





#### Overview

#### General

Overview		
Lead time	Usually in Stock	
General		
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual USB cable	
Product web sub-family	TAA Compliant	
Performance multiplier	1	
Number of tare power	30 W	
Number of power module free slots	0	
Number of power module filled slots	0	
Redundant	No	
Size UPS version	Internetworking Server Telecom	
UPS size	S	
Value multiplier	1	
Physical		
Cable length	1.83 m	
Colour	Black	
Depth	43.9 cm	
Height	21.9 cm	
Mounting location	Front	
Mounting preference	No preference	
Net weight	19.09 kg	
Eab 16, 2021		

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Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Width	17.1 cm

## Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Input voltage limits	75154 V adjustable 82144 V
Number of cables	1
Input voltage	120 V

### Output

Rated power in W	700 W
Maximum configurable power in W	700 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Line interactive
Wave type	Sine wave
Nb of power socket outlets	8 NEMA 5-15R
Curve equation	Efficiency
Curve fixed loss	0.0111
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0
Curve square loss	0.006
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	1000 VA
Rated power in VA	1000 VA
Transfer time	4 ms typical : 8 ms maximum

#### Conformance

Product certifications	CUL listed TAA compliance
Standards	UL 1778
Equipment protection policy	Lifetime : \$150000

### Environmental

Ambient air temperature for operation	040 °C
Relative humidity	095 %

Operating altitude	010000 ft
Ambient air temperature for storage	-1545 °C
Storage altitude	0.0015240.00 m
Acoustic level	41 dBA
Heat dissipation	100 Btu/h
Show note OP temperature	No

#### **Batteries & Runtime**

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	Z
Battery charger power	88 W rated
Battery power in VAH	264 VAh runtime
Battery life	35 year(s)
Extended runtime	0

### Communications & Management

Free slots	1
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency power off	Optional

### Surge Protection and Filtering

Surge energy rate	459 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

#### Packing Units

Package 1 Weight	22.77 kg
Package 1 Height	37.6 cm
Package 1 width	32.8 cm
Package 1 Length	59.5 cm
Number of Units in Package 3	24

## Offer Sustainability

Sustainable offer status	Green Premium product
Energy Star	ENERGY STAR UPS V1.0 (USA)
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product

3 years repair or replace (excluding battery) and 2 years for battery