



# APC Smart-UPS 1500VA USB & Serial 230V



APC Smart-UPS, 980 Watts / 1500 VA, Input 230V / Output 230V, Interface Port DB-9 RS-232, SmartSlot, USB

**Includes:** CD with software, Smart UPS signalling RS-232 cable, USB cable, User Manual

## Output

Output Power Capacity	980 Watts / 1500 VA
Max Configurable Power	980 Watts / 1500 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13



(2) IEC Jumpers

## Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V

## Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement battery cartridge	<a href="#">RBC7</a>
RBC™ Quantity	1
Typical Backup Time	at Half Load 23.9 minutes (490 Watts)
Typical Backup Time	at Full Load 6.7 minutes (980 Watts)

## Communications & Management

Interface Port(s)	DB-9 RS-232, SmartSlot, USB
Available SmartSlot™ Interface Quantity	1
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Optional

## Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3%
IEEE surge let-through : zero clamping response time :	meets UL 1449

## Physical

Maximum Height	216.00 mm
Maximum Width	170.00 mm
Maximum depth	439.00 mm
Net Weight	24.09 KG
Shipping Weight	26.36 KG
Shipping Height	381.00 mm
Shipping Width	330.00 mm
Shipping Depth	584.00 mm
Color	Black

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45 dBA
Online Thermal Dissipation	135.00 BTU/hr

## Conformance

Regulatory Approvals	C-tick, CE, EN 50091-1, EN 50091-2, GOST, VDE
Standard Warranty	2 years repair or replace

\*\*The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.