



### Overview

Model Name	APC Smart-UPS 2200VA USB & Serial 230V
Includes	CD with software , Smart UPS signalling RS-232 cable , USB cable , User Manual
Standard Lead Time	Usually in Stock
Product Distribution	Brazil

### Output

Output Power Capacity	1980 Watts / 2200 VA
Max Configurable Power (Watts)	1980 Watts / 2200 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 , 57 - 63 Hz for 60 Hz nominal
Output Frequency (sync to mains)	Line Interactive
Waveform Type	Sine wave
Output Connections	(1) IEC 320 C19 (Battery Backup) , (2) IEC Jumpers (Battery Backup) , (8) IEC 320 C13 (Battery Backup)

### Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	British BS1363A , IEC-320 C20 , Schuko CEE 7 / EU1-16P
Input voltage range for main operations	160 - 286 V
Input voltage adjustable range for mains operation	151 - 302V
Maximum Input Current	0 A
Input Breaker Capacity	0 A

### Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	0

Battery Slots Empty	0
Typical recharge time	3 hour(s)
Replacement Battery	RBC55
RBC Quantity	1

## Communications & Management

Interface Port(s)	DB-9 RS-232 , SmartSlot
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	365 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

## Physical

Maximum Height	432.0 mm
Maximum Width	196.0 mm
Maximum Depth	544.0 mm
Rack Height	0 U
Net Weight	50.92 kg
Shipping Weight	65.0 kg
Shipping Height	700.0 mm
Shipping Width	380.0 mm
Shipping Depth	760.0 mm
Master Carton Units	1.0
Master Carton Weight	0.0 lbs
Color	Black
Units per Pallet	9.0

## 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	45.000 dB
Online Thermal Dissipation	275.000 BTU/hr

## Conformance

Approvals	C-tick , CE , EN 50091-1 , EN 50091-2 , GOST , VDE
Standard warranty	2 years repair or replace , optional extended warranties available , optional on-site warranties available

## Sustainable Offer Status

RoHS	Compliant
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