

Smart-UPS On-Line

APC Smart-UPS RT 3000VA 230V

APC Smart-UPS On-Line, 2100 Watts / 3000 VA, Input 230V / Output 230V, Interface Port DB-25 RS-232, Smart-Slot, Rack Height 3 U

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

Output

Output Power Capacity

2100 Watts / 3000 VA

Max Configurable Power

2100 Watts / 3000 VA

Nominal Output Voltage

230V

Output Voltage Note

Configurable for 220 : 230 or 240 nominal output voltage

Efficiency at Full Load

91.0%

Output Voltage Distortion

Less than 3%

Output Frequency (sync to mains)

50/60 Hz +/- 3 Hz user adjustable +/- 0.1

Other Output Voltages

220, 240

Crest Factor

3 : 1

Topology

Double Conversion Online

Waveform Type

Sine wave

Output Connections

(8) IEC 320 C13



(2) IEC 320 C19



(3) IEC Jumpers

Bypass

Internal Bypass (Automatic and Manual)

Input

Nominal Input Voltage

230V

Input Frequency

50/60 Hz +/- 5 Hz (auto sensing)

Input Connections

British BS1363A

IEC-320 C20

Schuko CEE 7/EU1-16P

Cord Length

2.44 meters

Input voltage range for main operations

160 - 280V

Input voltage adjustable range for mains operation

100 - 280V

Other Input Voltages

220, 240

Batteries & Runtime

Battery Type

Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

Included Battery Modules

2

Typical recharge time

2.50 hour(s)

Replacement Battery

[RBC44](#)

RBC™ Quantity

1

Communications & Management

Interface Port(s)

DB-25 RS-232, Smart-Slot

Available SmartSlot™ Interface Quantity

1

Control panel

LED status display with load and battery bar-graphs and On Line : On Battery : Replace

Battery : Overload and Bypass Indicators

Audible Alarm

Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Emergency Power Off (EPO)

Yes

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

432.00 mm

Maximum Width

130.00 mm
Maximum Depth
660.00 mm
Rack Height
3U
Net Weight
54.56 KG
Shipping Weight
63.64 KG
Shipping Height
347.00 mm
Shipping Width
603.00 mm
Shipping Depth
980.00 mm
Color
Black
Units per Pallet
6.00

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
55.00 dBA
Online Thermal Dissipation
655.00 BTU/hr