



APC Smart-UPOn-Line,6400
Watts /8000 VA,Input 230V
/Output 230V, Interface Port
DB-9 RS-232, RJ-45 10/100
Base-T, Smart-Slot,
Extended runtime model,
Rack Height 6 U

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

Output

Output Power Capacity

6400 Watts / 8000 VA

Max Configurable Power

6400 Watts / 8000 VA

Nominal Output Voltage

230V

Output Voltage Note

Configurable for 220 : 230 or 240 nominal output voltage

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

(1) Hard Wire 3-wire (H N + G)

(4) IEC 320 C13

(4) IEC 320 C19

(6) IEC Jumpers

Bypass

Internal Bypass (Automatic and Manual)

Input



Nominal Input Voltage

230V

Input Frequency

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

Input Connections

Hard Wire 3 wire (1PH+N+G)

Hard Wire 5-wire (3PH + N + G)

Input voltage range for main operations

160 - 280V

Other Input Voltages

220, 240

Input Total Harmonic Distortion

Less than 7% for full load

Batteries & Runtime

Battery Type

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

Included Battery Modules

4

Typical recharge time

2.20 hour(s)

Replacement Battery

[RBC44](#)

RBC™ Quantity

2

Extended Run Options

[APC Smart-UPS RT 8000VA 230V](#)

Communications & Management

Interface Port(s)

DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot

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

1265J 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

263.00 mm

Maximum Depth

736.00 mm

Rack Height

6U

Net Weight

110.91 KG

Shipping Weight

129.09 KG

Shipping Height

552.00 mm

Shipping Width

597.00 mm

Shipping Depth

991.00 mm

Master Carton Units

1.00

Color

Black

Units per Pallet

2.00

Environmental

Operating Environment

0 - 40 °C

Operating Relative Humidity

0 - 95% no%

Operating Elevation

0-3000 meters

Storage Temperature

-15 - 45 °C

Storage Relative Humidity

0 - 95% no%

Storage Elevation

0-15000 meters

Audible noise at 1 meter from surface of unit

55.00 dBA

Online Thermal Dissipation

1603.00 BTU/hr

Protection Class

IP 20