



## APC Smart-UPS RT 5000VA 230V

### SURT5000XLICH

#### Output

---

- Output power capacity  
3.5 KWatts / 5.0 kVA
- Max Configurable Power (Watts)  
3.5 KWatts / 5.0 kVA
- Nominal Output Voltage  
230V
- Output Voltage Note  
Configurable for 220 : 230 or 240 nominal output voltage
- Efficiency at Full Load  
92.0 %

- 
- 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
  - Load Crest Factor  
3 : 1
  - Topology  
Double Conversion Online
  - Waveform type  
Sine wave
  - Output Connections  
(6) IEC Jumpers (Battery Backup)  
(8) IEC 320 C13 (Battery Backup)  
(2) IEC 320 C19 (Battery Backup)
  - 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
- Input voltage range for main operations  
160 - 280V
- Input voltage adjustable range for mains operation  
100 - 280V
- Efficiency at Full Load  
92.0 %
- 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
- 

2.5hour(s)

---

- Expected Battery Life (years)
- 

3 - 5

---

- RBC Quantity
- 

1

---

- Extendable Run Time
- 

1

---

- Runtime
- 

[View Runtime Graph](#)

[View Runtime Chart](#)

## **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
- 

480Joules

---

- Filtering
- 

Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets  
UL 1449

## **Physical**

---

- Maximum Height
- 

432mm , 43.2CM

- 
- Maximum Width

130mm , 13.0CM

---

- Maximum Depth

660mm , 66.0CM

---

- Rack Height

3U

---

- Net Weight

54.56KG

---

- Shipping weight

63.64KG

---

- Shipping Height

347mm , 34.7CM

---

- Shipping Width

603mm , 60.3CM

---

- Shipping Depth

980mm , 98.0CM

---

- Color

Black

---

- Units per Pallet

6.0

---

## **Environmental**

---

- Operating Temperature

0 - 40 °C

---

- Operating Relative Humidity

0 - 95 %

---

- Operating Elevation

0-3000meters

---

- Storage Temperature

-15 - 45 °C

---

- Storage Relative Humidity

0 - 95 %

---

- Storage Elevation

0-15000meters

- 
- Audible noise at 1 meter from surface of unit

55.0dBA

---

- Online thermal dissipation

1040.0BTU/hr

### **Conformance**

---

- Approvals

C-tick, CE, EN 50091-1, EN 50091-2, EN 55022 Class A, EN 60950, EN 61000-3-2, GOST, VDE