

Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/
6kW, Tower, 208V, 6x C13+4x
C19 IEC outlets, Network
Card+SmartSlot, Extended
runtime, W/O rail kit

SRT6KXLT-IEC

Overview

Lead time Usually in Stock

Main

| | |
|----------------------------------|---|
| Main Input Voltage | 208 V AC 1 phase 240 V AC 1 phase |
| Other Input Voltages | 240 V |
| Efficiency at full load | 100...275 V adjustable (half load) |
| Number of input connectors | 1 Hard Wire 3-wire (2PH + G) |
| Input Frequency | 40 - 70 Hz auto-sensing |
| Output voltage | 208 V 1 phase 240 V 1 phase |
| Other Output Voltages | 240 V |
| Rated power in W | 6000 W |
| rated power in VA | 6000 VA |
| output connection type | 6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19 |
| Output connector type | Hard Wire 3-wire (2PH + G) for 1 zone(s) |
| Bypass type | Internal Bypass (Automatic and Manual) |
| Crest factor | 3 : 1 |
| Harmonic distortion | Less than 2% |
| Maximum configurable power in VA | 6000 VA |
| Max Configurable Power (Watts) | 6000 W |
| Topology | On-Line |
| Waveform Type | Sine wave |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz sync to mains |

Complementary

| | |
|---|---|
| Battery Size | Lead-acid internal included |
| Emergency Power Off (EPO) | Yes |
| Free slots | 1 |
| Pre-Installed SmartSlot™ Cards | Network management card 3 with environmental monitoring |
| Alarm | Audible and visible alarms : prioritized by severity |




Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|--|---|
| UPS connectivity | Serial port USB port Embedded network management card 3 Available expansion slot |
| Surge energy rating | 480 J |
| color | Black |
| Height | 17.008 in (432 mm) |
| Width | 6.9 in (174 mm) |
| Depth | 28.3 in (719 mm) |
| Net Weight | 131.99 lb(US) (59.87 kg) |
| Mounting Location | Front |
| Mounting preference | No preference |
| Mounting Mode | Rack-mounted with kit |
| Two post mountable | 0 |
| USB compatible | Yes |
| Mounting mode | Tower with included kit |
| Provided equipment | CD with software Documentation CD Installation guide Removable support feet Temperature Probe USB cable Warranty card Web/SNMP Management Card |
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Additional specification | High density |
| Redundant | No |
| Range of Product | Smart-UPS On-Line |
| Product or Component Type | Uninterruptible power supply (UPS) |

Environment

| | |
|--|--|
| Product Certifications | ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778 |
| Ambient Air Temperature for Operation | 32...104 °F (0...40 °C) |
| Ambient Air Temperature for Storage | 5...113 °F (-15...45 °C) |
| Storage altitude | 0...50000 ft (0...15240 m) |
| IP degree of protection | IP20 |
| Relative Humidity | 0...95 % non-condensing |
| Storage Relative Humidity | 0...95 % non-condensing |
| Acoustic level | 55 dBA |
| Online Thermal Dissipation | 1402 Btu/h |
| Operating altitude | 0...10000 ft |

Batteries & Runtime

| | |
|------------------------------|---|
| Run Time | View Runtime Graph  |
| Efficiency | View Efficiency Graph  |
| Battery Type | Lead-Acid battery |
| Battery Voltage | 192V |
| Extendable Run Time | 1 |
| Included Battery Modules | 0 |
| Typical recharge time | 1.5 h |
| RBC Quantity | 1 |
| Battery Life | 3...5 year(s) |
| Replacement battery | APCRBC140  |
| Battery Charge Power (Watts) | 579 W rated |

Ordering and shipping details

| | |
|------|--------------|
| GTIN | 731304301714 |
|------|--------------|

Packing Units

| | |
|------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 14.6 in (37 cm) |
| Package 1 Width | 37.8 in (96 cm) |
| Package 1 Length | 24.02 in (61 cm) |
| Package weight(Lbs) | 147.40 lb(US) (66.86 kg) |

Contractual warranty

| | |
|----------------------|-------------------|
| Warranty (in months) | 36 UPS 24 Battery |
|----------------------|-------------------|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|---|
| Total lifecycle Carbon footprint | 13 700 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 858 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 9 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 12 825 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 8 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |

Use Better



Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| SCIP Number | 409c68a1-39a6-4e5f-b080-12befe783ad8 |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |



Energy efficiency

| | |
|-----------------------------|----------------------------|
| Optimized Energy Efficiency | Energy efficient product |
| ENERGY STAR® | ENERGY STAR UPS V2.0 (USA) |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|-------------------------------|---|
| Recyclability potential, in % | 65 |
| Circularity Profile | End of Life Information |

Removable battery

User replaceable

Take-back

Yes

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative



