

Product datasheet

Specifications



APC Smart-UPS SRT 8000VA 208V

SRT8KXLT

Overview

| | |
|--------------|---|
| Presentation | High density, double-conversion on-line power protection with scalable runtime. |
| Lead time | Usually in Stock |

Main

| | |
|------------------------|---|
| Main Input Voltage | 208 V |
| Other Input Voltage | 240 V |
| Main Output Voltage | 208 V |
| Other Output Voltage | 240 V |
| Rated power in W | 8000 W |
| Rated power in VA | 8000 VA |
| Output connection type | 4 NEMA L6-20R 2 NEMA L6-30R 1 |
| Output connector type | Hard wire 3-wire (2P + E) 1 |
| Battery type | Lead-acid battery |
| Provided equipment | CD with software Documentation CD Installation guide Temperature probe USB cable Warranty card Web/SNMP management card |

General

| | |
|-------------------------------------|--------------|
| Product web sub-family | High density |
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |
| Redundant | No |

Physical

| | |
|--------|---------|
| Colour | Black |
| Height | 43.2 cm |
| Width | 26.3 cm |

| | |
|---------------------|-----------------------|
| Depth | 71.5 cm |
| Net weight | 111.58 kg |
| Mounting location | Front |
| Mounting preference | No preference |
| Mounting mode | Rack-mounted with kit |
| Two post mountable | 0 |
| USB compatible | Yes |

Input

| | |
|----------------------------|------------------------------------|
| Network frequency | 40...70 Hz auto-sensing |
| Number of input connectors | 1 hard wire 3-wire (2P + E) |
| Input voltage limits | 100...275 V adjustable (half load) |

Output

| | |
|----------------------------------|--|
| Maximum configurable power in W | 8000 W |
| Harmonic distortion | Less than 2 % |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |
| Crest factor | 3 : 1 |
| UPS type | Double conversion online |
| Wave type | Sine wave |
| Bypass type | Internal bypass (automatic and manual) |
| Maximum configurable power in VA | 8000 VA |

Conformance


| | |
|------------------------|---|
| Product certifications | ENERGY STAR V2.0 (USA) FCC part 15 class A NOM UL 1778 |
|------------------------|---|

Environmental

| | |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C |
| Relative humidity | 0...95 % non-condensing |
| Operating altitude | 0...10000 ft |
| Ambient air temperature for storage | -15...45 °C |
| Storage Relative Humidity | 0...95 % non-condensing |
| Storage altitude | 0.00...15240.00 m |
| Acoustic level | 55 dBA |
| Heat dissipation | 1712 Btu/h |
| IP degree of protection | IP20 |

Batteries & Runtime

| | |
|--------------------------------|-------|
| Number of battery filled slots | 0 |
| Battery recharge time | 1.5 h |

| | |
|--|---|
| Number of battery replacement quantity | 2 |
| Battery voltage | +/- 192 V (split battery referenced to neutral) |
| Battery charger power | 1136 W rated |
| Battery power in VAH | 1716 VAh runtime |
| Battery life | 3...5 year(s) |
| Replacement battery | APCRBC140  |
| Battery option | SRT192BP2 1 3432 VAh SRT192BP2 2 5148 VAh SRT192BP2 3 6864 VAh SRT192BP2 4 8580 VAh SRT192BP2 5 10296 VAh SRT192BP2 6 12012 VAh SRT192BP2 8 15444 VAh SRT192BP2 10 18876 VAh |
| Extended runtime | 1 |

Communications & Management

| | |
|---------------------|--|
| Free slots | 1 |
| Alarm | Audible and visible alarms : prioritized by severity |
| Emergency power off | Yes |


Surge Protection and Filtering

| | |
|-------------------|-------|
| Surge energy rate | 480 J |
|-------------------|-------|

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 46.1 cm |
| Package 1 Width | 100 cm |
| Package 1 Length | 60 cm |
| Package 1 Weight | 126.55 kg |

Offer Sustainability

| | |
|-----------------------------|--|
| Sustainable offer status | Green Premium product |
| ENERGY STAR® | ENERGY STAR UPS V2.0 (USA)  |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

| | |
|----------|---|
| Warranty | 3 years repair or replace (excluding battery) and 2 years for battery |
|----------|---|

Recommended replacement(s)