

Product datasheet

Specifications



APC Smart-UPS RT 6000VA, 230V, 8x IEC 60320 C13 & 4x IEC Jumpers & 2x IEC 60320 C19 outlets, harsh environment

SURT6000XLI-CC

Overview

Lead time Usually in Stock

Main

Main Input Voltage 230 V

Other Input Voltage 220 V
240 V

Main Output Voltage 230 V

Other Output Voltage 220 V
240 V

Rated power in W 4200 W

Rated power in VA 6000 VA

Output connection type 8 IEC 60320 C13
4 IEC Jumpers
2 IEC 60320 C19

Number of rack unit 3U

Battery type Lead-acid battery

Provided equipment CD with software
Smart UPS signalling RS-232 cable
User manual
Web/SNMP management card

General

Number of power module free slots 0

Number of power module filled slots 0

Redundant No

Physical

Colour Black

Height 43.2 cm

Width 13 cm

Depth 66 cm

Net weight 54.55 kg

Mounting location Front

| | |
|---------------------|--------------------|
| Mounting preference | Lower |
| Mounting mode | Not rack-mountable |
| Two post mountable | 0 |
| USB compatible | No |

Input

| | |
|----------------------------|--------------------------------|
| Network frequency | 50/60 Hz +/- 5 Hz auto-sensing |
| Number of input connectors | 1 hard wire 3-wire |
| Input voltage limits | 160...280 V |

Output

| | |
|----------------------------------|--|
| Maximum configurable power in W | 4200 W |
| Harmonic distortion | Less than 3 % |
| Output frequency | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains |
| Crest factor | 3 : 1 |
| UPS type | Double conversion online |
| Wave type | Sine wave |
| Bypass type | Internal bypass (automatic and manual) |
| Efficiency | 92 % (full load) |
| Maximum configurable power in VA | 6000 VA |

Conformance

| | |
|------------------------|--|
| Product certifications | C-Tick CE GOST VDE |
| Standards | EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 |

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 | 1221 Btu/h |
| IP degree of protection | IP20 |

Batteries & Runtime

| | |
|--------------------------------|-------|
| Number of battery filled slots | 2 |
| Battery recharge time | 2.5 h |

| | |
|--|--|
| Number of battery replacement quantity | 1 |
| Additional information | Configurable for 220 : 230 or 240 nominal output voltage |
| Battery charger power | 421 W rated |
| Battery power in VAH | 1056 VAh runtime |
| Battery life | 3...5 year(s) |
| Battery option | SURT192XLBP 1 2304 VAh SURT192XLBP 2 3820 VAh SURT192XLBP 3 5336 VAh SURT192XLBP 4 6852 VAh SURT192XLBP 5 8640 VAh SURT192XLBP 6 10713 VAh SURT192XLBP 8 14859 VAh SURT192XLBP 10 19008 VAh |
| Extended runtime | 1 |

Communications & Management

| | |
|---------------------|---|
| Free slots | 0 |
| Preinstalled device | Network management card 2 with environmental monitoring |
| Control panel | LED status display with load and battery bar-graphs and on line : on battery : replace battery : overload and bypass indicators |
| Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Emergency power off | Yes |

Surge Protection and Filtering

| | |
|-------------------|--|
| Surge energy rate | 555 J |
| Noise suppression | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 34.7 cm |
| Package 1 Width | 98 cm |
| Package 1 Length | 60.3 cm |
| Package 1 Weight | 63.64 kg |

Offer Sustainability

| | |
|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Optimized Energy Efficiency | Energy efficient product |
| Take-back | Take-back program available |

Contractual warranty

Warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Recommended replacement(s)