

Product datasheet

Specifications



APC Smart-UPS On-Line, 6kVA/
6kW, Rackmount 4U, 230V, 6x
C13+4x C19 IEC outlets, Network
Card+SmartSlot, Extended
runtime, W/ rail kit, Marine

SRT6KRMXLIM

Overview


| | |
|--------------|---|
| Presentation | High availability, ruggedized power protection for shipboard and other transportation applications. |
| Lead time | Usually in Stock |

Main

| | |
|---------------------------|--|
| Main Input Voltage | 230 V |
| Product or component type | Uninterruptible power supply (UPS) |
| Other Input Voltage | 220 V 240 V |
| Main Output Voltage | 230 V |
| Other Output Voltage | 220 V 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 (H N + E) for 1 zone(s) |
| Number of rack unit | 4U |
| Provided equipment | CD with software Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Temperature probe USB cable Warranty card |

Batteries & Runtime

| | |
|--|------------------------------------|
| Run Time | View Runtime Graph |
| Battery type | Lead-acid battery |
| Extended runtime | 1 |
| Number of battery filled slots | 0 |
| Battery recharge time | 1 h |
| Number of battery replacement quantity | 1 |
| Battery life | 3...5 year(s) |

| | |
|-----------------------|---|
| Replacement battery | APCRBC140  |
| Battery charger power | 893 W rated |

General

| | |
|-------------------------------------|--------------------------|
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Redundant | No |
| UPS type | Double conversion online |

Physical

| | |
|---------------------|---------------|
| Colour | Black |
| Height | 174 mm |
| Width | 432 mm |
| Depth | 719.4 mm |
| Net weight | 60 kg |
| Mounting location | Front |
| Mounting preference | No preference |
| Mounting mode | Rack-mounted |
| Two post mountable | 0 |
| USB compatible | Yes |

Input

| | |
|----------------------------|---------------------------------|
| Number of input connectors | 1 hard wire 3-wire (1P + N + E) |
| Network frequency | 40...70 Hz auto-sensing |

Output

| | |
|----------------------------------|--|
| Bypass type | Internal bypass (automatic and manual) |
| Crest factor | 3 : 1 |
| Harmonic distortion | Less than 3 % |
| Maximum configurable power in VA | 6000 VA |
| Maximum configurable power in W | 6000 W |
| Wave type | Sine wave |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |

Conformance

| | |
|------------------------|--|
| Product certifications | CE EAC RCM VDE |
| Marking | CE Mark |
| Standards | EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 |

Environmental

| | |
|---------------------------------------|-------------------------|
| Acoustic level | 55 dBA |
| Heat dissipation | 1300 Btu/h |
| Operating altitude | 0...10000 ft |
| Ambient air temperature for operation | 0...40 °C |
| Ambient air temperature for storage | -15...45 °C |
| Storage altitude | 0...15240 m |
| IP degree of protection | IP20 |
| Relative humidity | 0...95 % non-condensing |
| Storage Relative Humidity | 0...95 % non-condensing |

Communications & Management

| | |
|---------------------|--|
| Emergency power off | Yes |
| Free slots | 0 |
| Preinstalled device | Dry contact I/O smartslot card |
| Alarm | Audible and visible alarms : prioritized by severity |

Surge Protection and Filtering

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

Packing Units

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|------------------------------|-------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 37 cm |
| Package 1 Width | 96 cm |
| Package 1 Length | 61 cm |
| Package 1 Weight | 67 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 | 28629 |
|----------------------------------|-------|

Use Better

Materials and Substances

| | |
|--|-----|
| Packaging made with recycled cardboard | Yes |
|--|-----|

| | |
|--------------------------------------|----|
| Packaging without single use plastic | No |
|--------------------------------------|----|

| | |
|-----------------------------------|---------------------------|
| EU RoHS Directive | Compliant with Exemptions |
|-----------------------------------|---------------------------|

| | |
|-------------|--------------------------------------|
| SCIP Number | 4282bd22-a353-4f82-bb5c-97bbd7f1d1e9 |
|-------------|--------------------------------------|

| | |
|------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|------------------|-----------------------------------|

Energy efficiency

| | |
|-----------------------------|--------------------------|
| Energy Efficiency Optimized | Energy efficient product |
|-----------------------------|--------------------------|

Use Again

Repack and remanufacture

| | |
|---------------------------------|---|
| End of life manual availability | End of Life Information |
|---------------------------------|---|

| | |
|-------------------|------------------|
| Removable battery | User replaceable |
|-------------------|------------------|

| | |
|-----------|----|
| Take-back | No |
|-----------|----|

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|------------|---|
| 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



