



APC Smart-UPS Ultra On-Line Lithium ion, 5KVA/5KW, 2U Rack/ Tower, 230V

SRTL5KRM2UI

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| Main Input Voltage | 230 V |
|------------------------|------------------------------------|
| Other Input Voltage | 220 V |
| Main Output Voltage | 230 V |
| Other Output Voltage | 220 V |
| Rated power in W | 5000 W |
| Rated power in VA | 5000 VA |
| Output connection type | 6 IEC 60320 C13 4 IEC 60320 C19 |
| Number of rack unit | 2U |
| Number of cables | 1 |
| Battery type | Li-lon (Lithium-lon) |
| Provided equipment | 1 CD (software and documentation) |

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 | 86 mm |
| Width | 432 mm |
| Depth | 701 mm |
| Net weight | 29.2 kg |
| Mounting location | Front |
| Mounting preference | No preference |
| Mounting mode | Rack-mounted |
| Two post mountable | 0 |

| Mounting position Input Input Mounter of Input connectors 1 hard wire 3 wire (1P + N + E) Input voltage limits 180 . 275 V adjustable (half load) Input voltage limits 180 . 275 V adjustable (half load) Input voltage limits 180 . 275 V adjustable (half load) Input voltage limits Input voltage lin | | |
|--|--|--|
| Input Network frequency | USB compatible | No |
| Input Network frequency 4070 Hz auto-sensing Number of input connectors 1 hard was 3-wire (IP + N + E) Imput voltage limits 180273 V adjustable (harf load) Output Maximum configurable power in W Harmonic distortion Less than 2 ½ Output frequency 5050 Hz 4/- 3 Hz sync to mains Crest factor 3:1 UPS type Double conversion enline Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full load runtime 000500 9000 W Half load runtime 000500 9000 W Half load runtime 001-200 2500 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Maix Environmental Ambient air temperature for operation Operating altitude 0.10000 ft Ambient air temperature for operation Storage Relative Humidity 0.95 % non-condensing Storage Relative Humidity 0.05 % non-condensing Storage Relative Humidity 0.05 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 50 dbA Heat dissipation 931 Blush IP degree of protection IP20 Batteries & Runtime Number of battery field slots 0 Number of battery replacement 1 | Mounting position | |
| Network frequency 40.70 Hz auto sensing Number of input connectors 1 hard wwo 0.wire (IP = N + E) Imput vottage limits 180.275 V adjustable (half load) Output Maximum configurable power in Warm of input of distortion 5000 W Harmonic distortion Less than 2 % Output frequency 5000 Hz +/- 3 Hz sync to mains Crest factor 3 · 1 UPS type Double conversion online Wave type Sine wave Bypass type Informal bypass (automatic and manual) Fluid load runtime 00:20:00:500 W Maximum configurable power in VA 5000 VA Conformance VA Product certifications CE Environmental CE Mark Environmental Ambient air temperature for operation Relative humidity 096 % non-condensing Operating attitude 010000 ft Annihent air temperature for sorting attitude 1545 °C Storage altitude 0.0015240.00 m Acoustic level 95.6BA Heat dissipation 93 Baurh | | |
| Number of Input connectors | Input | |
| Input voltage limits | Network frequency | 4070 Hz auto-sensing |
| Output Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 5000 Hz 4/-3 Hz syncto mains Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full loadr untime 00-05-00 5000 W Haif load runtime 00-12:00 25-00 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Relative humidity 095 % non-condensing Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 096 % non-condensing Storage altitude 0.0015240 0.0 m Acoustic level 45.5 dBA Acoustic level 45.5 dBA Batteries & Runtime Number of battery free slots 0 Battery free flots 0 Number of battery free slots 0 Sunder of battery free slots 0 Sunder of battery free slots 0 Sunder of battery replacement 1.5 h Number of battery replacement 0 1.5 h Number of battery replacement 1.5 h Number of battery replacement 0 1.5 h Number of battery replacement 1.5 h Number of battery replacement 0 1.5 h Number of battery replacement | Number of input connectors | 1 hard wire 3-wire (1P + N + E) |
| Maximum configurable power in W W Harmonic distortion Less than 2 % Output frequency Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full load runtime 0:0:05:00 5000 W Half load runtime 0:0:05:00 5000 W Half load runtime 0:0:05:00 5000 W Maximum configurable power in 5000 VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Operating altitude 0:40 °C operating altitude 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 00.01584.00 m Acoustic level 440 % Acoustic level Batteries & Runtime Number of battery filled slots 0. Number of battery free slots 0. Number of battery replacement 1.5 h | Input voltage limits | 180275 V adjustable (half load) |
| Maximum configurable power in W W Harmonic distortion Less than 2 % Output frequency Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full load runtime 0:0:05:00 5000 W Half load runtime 0:0:05:00 5000 W Half load runtime 0:0:05:00 5000 W Maximum configurable power in 5000 VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Operating altitude 0:40 °C operating altitude 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 00.01584.00 m Acoustic level 440 % Acoustic level Batteries & Runtime Number of battery filled slots 0. Number of battery free slots 0. Number of battery replacement 1.5 h | | |
| WHarmonic 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) Full load runtime 00/05/05/05/00 W Half load runtime 00/12/00 25/00 W Maximum configurable power in VA Conformance Product certifications CE Mark Environmental Ambient air temperature for operation Relative humidity 095 % non-condensing Operating altitude 010000 H Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 0.015240.00 m Acoustic level 55 dBA Heat dissipation 19 30 Buth P degree of protection P20 Batteries & Runtime Number of battery free slots 0 Battery recharge time Number of battery replacement quantity Number of battery replacement 1.5 h | · | FRANK |
| Output frequency 50/80 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) Full load runtime 00-05-00 5000 W Half load runtime 00-12-00 2500 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation at itemperature for operation at itemperature for operation at itemperature for 30-40 °C Operating altitude 010000 ft Ambient air temperature for 30-5% non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btuth IP degree of protection IP20 Batteries & Runtime Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement 1 Number of battery replacement 1 | Waximum configurable power in | 5000 W |
| Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full load runtime 00:05:00:5000 W Half load runtime 5000 VA Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation altitude 010000 ft Annient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage altitude 00015240.00 m Acoustic level 55 dBA Heat dissipation 931 Bturh IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Harmonic distortion | Less than 2 % |
| UPS type Double conversion online Wave type Sine wave Bypass type Internal bypass (automatic and manual) Full load runtime 00:05:00 5000 W Half load runtime 00:12:00 2500 W Maximum configurable power in VA Conformance Froduct certifications CE Mark Environmental Ambient air temperature for operation 040 °C Operating altitude 010000 ft Ambient air temperature for storage 1545 °C Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Buttery recharge time 1.5 h Number of battery replacement 1.5 h Nu | Output frequency | 50/60 Hz +/- 3 Hz sync to mains |
| Wave type Bypass type Internal bypass (automatic and manual) Full load runtime 00:05:00 5000 W Maximum configurable power in VA Conformance Product certifications CE Mark Environmental Ambient air temperature for operation Relative humidity Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 1545 °C Storage Relative Humidity Decention Batteries & Runtime Number of battery filled slots Number of battery replacement quantity | Crest factor | 3:1 |
| Bypass type Internal bypass (automatic and manual) Full load runtime 00.05:00 5000 W Half load runtime 00:12:00 25:00 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation 040 °C operation altitude 010000 ft Ambient air temperature for storage altitude 010000 ft Ambient air temperature for storage 8 Storage Relative Humidity 095 % non-condensing 010000 ft Storage Relative Humidity 095 % non-condensing 015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery field slots 0 Number of battery replacement quantity replacement quantity replacement quantity | UPS type | Double conversion online |
| Full load runtime 00:05:00 5000 W Half load runtime 00:12:00 25:00 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation 040 °C operation 040 °C operation 040 °C operation 045 °C opera | Wave type | Sine wave |
| Half load runtime 00:12:00 2500 W Maximum configurable power in VA Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation 040 °C operation 095 % non-condensing 0 | Bypass type | Internal bypass (automatic and manual) |
| Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Querating altitude 040 °C Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Operation Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery field slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Full load runtime | 00:05:00 5000 W |
| Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Relative humidity 095 % non-condensing Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 1P20 Batteries & Runtime Number of battery filled slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Half load runtime | 00:12:00 2500 W |
| Conformance Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Relative humidity O95 % non-condensing Operating altitude O10000 ft Ambient air temperature for storage Storage Relative Humidity O95 % non-condensing Storage Relative Humidity O95 % non-condensing Storage altitude O15240.00 m Acoustic level 55 dBA Heat dissipation P degree of protection IP20 Batteries & Runtime Number of battery filled slots O Number of battery free slots D Battery recharge time 1.5 h Number of battery replacement quantity | Maximum configurable power in | 5000 VA |
| Product certifications CE Marking CE Mark Environmental Ambient air temperature for operation Operating altitude Operating altitude O95 % non-condensing Operating altitude O95 % non-condensing Storage Relative Humidity O95 % non-condensing Storage Relative Humidity O95 % non-condensing Storage altitude O015240.00 m Acoustic level 55 dBA Heat dissipation IP degree of protection IP20 Batteries & Runtime Number of battery filled slots O Number of battery free slots D Battery recharge time 1.5 h Number of battery replacement quantity | VA | |
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| Environmental Ambient air temperature for operation Relative humidity O95 % non-condensing Operating altitude O10000 ft Ambient air temperature for storage Storage Relative Humidity O95 % non-condensing Storage altitude O05 % non-condensing Storage altitude O015240.00 m Acoustic level 55 dBA Heat dissipation Pathetics & Runtime Number of battery filled slots Number of battery free slots Battery recharge time 1.5 h Number of battery replacement quantity | Product certifications | CE |
| Ambient air temperature for operation Relative humidity 095 % non-condensing Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Marking | CE Mark |
| Ambient air temperature for operation Relative humidity 095 % non-condensing Operating altitude 010000 ft Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | | |
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| Ambient air temperature for storage Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Relative humidity | 095 % non-condensing |
| Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Operating altitude | 010000 ft |
| Storage Relative Humidity 095 % non-condensing Storage altitude 0.0015240.00 m Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Ambient air temperature for storage | -1545 °C |
| Acoustic level 55 dBA Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Storage Relative Humidity | 095 % non-condensing |
| Heat dissipation 931 Btu/h IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Storage altitude | 0.0015240.00 m |
| IP degree of protection IP20 Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Acoustic level | 55 dBA |
| Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | Heat dissipation | 931 Btu/h |
| Batteries & Runtime Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | IP degree of protection | IP20 |
| Number of battery filled slots 0 Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity | | |
| Number of battery free slots 0 Battery recharge time 1.5 h Number of battery replacement quantity 1 | Batteries & Runtime | |
| Battery recharge time 1.5 h Number of battery replacement quantity | Number of battery filled slots | 0 |
| Number of battery replacement 1 quantity | Number of battery free slots | 0 |
| quantity | Battery recharge time | 1.5 h |
| Battery voltage 180 V | Number of battery replacement quantity | 1 |
| | Battery voltage | 180 V |

| Battery charger power | 600 W rated |
|-----------------------|----------------------------|
| Battery power in VAH | 623 VAh runtime |
| Battery life | 510 year(s) |
| Battery option | SRTL180RM2UBP 1 1878 VAh |
| | SRTL180RM2UBP 2 3115 VAh |
| | SRTL180RM2UBP 3 4376 VAh |
| | SRTL180RM2UBP 4 5616 VAh |
| | SRTL180RM2UBP 5 6865 VAh |
| | SRTL180RM2UBP 6 8120 VAh |
| | SRTL180RM2UBP 7 9384 VAh |
| | SRTL180RM2UBP 8 10608 VAh |
| | SRTL180RM2UBP 9 11934 VAh |
| | SRTL180RM2UBP 10 13129 VAh |
| Extended runtime | 1 |

Communications & Management

| Free slots | 0 |
|---------------------|--|
| Alarm | Audible and visible alarms : prioritized by severity |
| Emergency power off | Yes |

Surge Protection and Filtering

Surge energy rate 1260 J

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|----------------|
| Number of Units in Package 1 | 4 |
| Package 1 Height | 39.2 cm |
| Package 1 Width | 58.5 cm |
| Package 1 Length | 98.4 cm |
| Package 1 Weight | 38.5 kg |
| SCC14 | 10731304435754 |

Offer Sustainability

| REACh Regulation | REACh Declaration |
|----------------------------|--|
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |

Contractual warranty

Warranty 5 years

Recommended replacement(s)