

Product data sheet

Specifications



APC Smart-UPS On-Line, 8kVA/
8kW, Rackmount 8U, 208V, 12x
5-20R+4x L6-20R+1x L6-30R
NEMA, Network Card+SmartSlot,
W/transformer 208V to 120V,W/rail
kit

SRT8KRMXLT-5KTF

Overview

Lead time Usually in Stock

Main

| | |
|----------------------------------|---|
| Main Input Voltage | 208 V AC 1 phase 240 V AC 1 phase |
| 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 | 120 V 1 phase 208 V 1 phase 240 V 1 phase |
| Rated power in W | 8000 W |
| rated power in VA | 8000 VA |
| output connection type | 12 NEMA 5-20R 4 NEMA L6-20R 1 NEMA L6-30R |
| 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 | 8000 VA |
| Max Configurable Power (Watts) | 8000 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 |
| Number of rack unit | 8U |
| color | Black |
| Height | 13.9 in (352 mm) |
| Width | 17.008 in (432 mm) |
| Depth | 28.1 in (715 mm) |
| Net Weight | 340.99 lb(US) (154.67 kg) |
| Mounting Location | Front |
| Mounting preference | Lower |
| Mounting Mode | Rack-mounted |
| Two post mountable | 0 |
| USB compatible | Yes |
| Mounting position | Horizontal |
| Mounting mode | Rack-mounted with included kit |
| Provided equipment | CD with software Documentation CD Installation guide Rack mounting hardware Rack Mounting brackets Rack Mounting support rails 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 |
| Heat dissipation | 1712 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 | +/-192 V (split battery referenced to neutral) |
| Extendable Run Time | 1 |
| Included Battery Modules | 0 |
| Typical recharge time | 1.5 h |
| RBC Quantity | 1 |
| Battery Life | 3...5 year(s) |
| Battery Charge Power (Watts) | 1136 W rated |

Ordering and shipping details

| | |
|------|--------------|
| GTIN | 731304732969 |
|------|--------------|

Packing Units

| | |
|------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 28.1 in (71.5 cm) |
| Package 1 Width | 39.4 in (100 cm) |
| Package 1 Length | 24.5 in (62.2 cm) |
| Package weight(Lbs) | 395.99 lb(US) (179.62 kg) |

Contractual warranty

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



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 | 17 657 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 263 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 25 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 15 347 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 22 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 |
| 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



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 |

Technical Illustration

Dimensions



Image of product / Alternate images

Alternative



