

# 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  |
| Other Input Voltage    | 240 V  |
| Main Output Voltage    | 120 V<br>208 V   |
| Other Output Voltage   | 240 V  |
| Kw Rating              | 8000 W   |
| Rated power in VA      | 8000 VA  |
| Output connection type | 12 NEMA 5-20R<br>4 NEMA L6-20R<br>1 NEMA L6-30R  |
| Output connector type  | Hard Wire 3-wire (2PH + G) 1   |
| Number of rack unit    | 8U   |
| Battery type           | Lead-Acid battery  |
| Provided equipment     | CD with software<br>Documentation CD<br>Installation guide<br>Rack mounting hardware<br>Rack Mounting brackets<br>Rack Mounting support rails<br>Temperature Probe<br>USB cable<br>Warranty card<br>Web/SNMP Management Card |

## Batteries & Runtime

|                              |  |
|------------------------------|--|
| Included Battery Modules     | 0  |
| Typical recharge time        | 1.5 h  |
| RBC Quantity                 | 1  |
| Battery voltage              | +/-192 V (split battery referenced to neutral) |
| Battery Charge Power (Watts) | 1136 W rated                                   |
| Battery power in VAH         | 1716 VAh runtime                               |
| Battery Life                 | 3...5 year(s)                                  |

|                     |   |
|---------------------|---|
| Replacement battery | <a href="#">APCRBC140</a>   |
| Battery option      | SRT192RMBP2 1 3432 VAh<br>SRT192RMBP2 2 5148 VAh<br>SRT192RMBP2 3 6864 VAh<br>SRT192RMBP2 4 8580 VAh<br>SRT192RMBP2 5 10296 VAh<br>SRT192RMBP2 6 12012 VAh<br>SRT192RMBP2 8 15444 VAh<br>SRT192RMBP2 10 18876 VAh |
| Extendable Run Time | 1   |

## General

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

## Physical

|                     |                           |
|---------------------|---------------------------|
| Color               | Black                     |
| Height              | 13.86 in (35.2 cm)        |
| Width               | 17.01 in (43.2 cm)        |
| Depth               | 28.15 in (71.5 cm)        |
| 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                |

## Input

|                            |                                    |
|----------------------------|------------------------------------|
| Input Frequency            | 40 - 70 Hz auto-sensing            |
| Number of input connectors | 1 Hard Wire 3-wire (2PH + G)       |
| Efficiency at full load    | 100...275 V adjustable (half load) |

## Output

|                                  |  |
|----------------------------------|--|
| Max Configurable Power (Watts)   | 8000 W                                 |
| Harmonic distortion              | Less than 2%                           |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz sync to mains        |
| Crest factor                     | 3 : 1                                  |
| Topology                         | Double Conversion Online               |
| Waveform 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)<br>FCC part 15 class A<br>UL 1778 |
|------------------------|--|

## Environmental

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Ambient air temperature for operation | 32...104 °F (0...40 °C)          |
| Relative Humidity                     | 0...95 % non-condensing          |
| Operating altitude                    | 0...10000 ft                     |
| Ambient Air Temperature for Storage   | 5...113 °F (-15...45 °C)         |
| Storage Relative Humidity             | 0...95 % non-condensing          |
| Storage altitude                      | 0...50000 ft (0.00...15240.00 m) |
| Acoustic level                        | 55 dBA                           |
| Heat dissipation                      | 1712 Btu/h                       |
| IP degree of protection               | IP20                             |

## Communications & Management

|                                |   |
|--------------------------------|---|
| Free slots                     | 1   |
| Pre-Installed SmartSlot™ Cards | Network management card 3 with environmental monitoring |
| Alarm                          | Audible and visible alarms : prioritized by severity    |
| Emergency Power Off (EPO)      | Yes   |

## Surge Protection and Filtering

|                     |       |
|---------------------|-------|
| Surge energy rating | 480 J |
|---------------------|-------|


## Ordering and shipping details

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

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 28.15 in (71.5 cm)        |
| Package 1 Width              | 39.37 in (100 cm)         |
| Package 1 Length             | 24.49 in (62.2 cm)        |
| Package 1 Weight             | 395.99 lb(US) (179.62 kg) |

## Offer Sustainability

|                           |   |
|---------------------------|---|
| Sustainable offer status  | Green Premium product   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| ENERGY STAR®              | <a href="#">ENERGY STAR UPS V2.0 (USA)</a>   |
| REACH Regulation          | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive         | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free              | Yes   |

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|                                    |   |
|------------------------------------|---|
| <b>RoHS exemption information</b>  | <a href="#">Yes</a>                           |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a> |
| <b>Circularity Profile</b>         | <a href="#">End of Life Information</a>       |
| <b>Optimized Energy Efficiency</b> | Energy efficient product                      |
| <b>Take-back</b>                   | Take-back program available                   |

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## **Contractual warranty**

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

## **Recommended replacement(s)**