

# Product data sheet

Specifications



APC Smart-UPS RT 6000VA,  
208V, rackmount, 3U, 4x 5-20R &  
1x L6-30R & 1x L14-30R NEMA  
outlets, with 208/240 (Split-Phase)  
to 120

SURTD6000RMXLP3U

## 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   |
| Rated power in W       | 4200 W  |
| Rated power in VA      | 6000 VA   |
| Input Connection Type  | NEMA L14-30P  |
| Output connection type | 4 NEMA 5-20R<br>1 NEMA L6-30R<br>1 NEMA L14-30R   |
| Number of rack unit    | 3U  |
| Cable length           | 10 ft (3.05 m)  |
| Number of cables       | 1   |
| Battery Type           | Lead-Acid battery   |
| Provided equipment     | CD with software<br>Rack Mounting support rails<br>Removable support feet<br>Smart UPS signalling RS-232 cable<br>User Manual |

## General

|                                     |    |
|-------------------------------------|----|
| Number of power module free slots   | 0  |
| Number of power module filled slots | 0  |
| Redundant                           | No |

## Physical

|        |                 |
|--------|-----------------|
| Color  | Black           |
| Height | 5.12 in (13 cm) |

|                            |                          |
|----------------------------|--------------------------|
| <b>Width</b>               | 17.01 in (43.2 cm)       |
| <b>Depth</b>               | 25.98 in (66 cm)         |
| <b>Net Weight</b>          | 128.00 lb(US) (58.06 kg) |
| <b>Mounting Location</b>   | Front                    |
| <b>Mounting preference</b> | Lower                    |
| <b>Mounting Mode</b>       | Rack-mounted             |
| <b>Two post mountable</b>  | 0                        |
| <b>USB compatible</b>      | No                       |

## Input

|                                |                                      |
|--------------------------------|--------------------------------------|
| <b>Input Frequency</b>         | 50/60 Hz +/- 5 Hz auto-sensing       |
| <b>Efficiency at full load</b> | 85...136 V adjustable<br>156...236 V |

## Output

|   |   |
|---|---|
| <b>Max Configurable Power (Watts)</b>   | 4200 W  |
| <b>Harmonic distortion</b>              | Less than 2%  |
| <b>Output Frequency (sync to mains)</b> | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains   |
| <b>Crest factor</b>                     | 3 : 1   |
| <b>Topology</b>                         | Double Conversion Online                                  |
| <b>Waveform Type</b>                    | Sine wave   |
| <b>Bypass type</b>                      | Internal Bypass (Automatic and Manual)<br>90 % full load) |
| <b>Maximum configurable power in VA</b> | 6000 VA   |

## Conformance




|                               |     |
|-------------------------------|-----|
| <b>Product Certifications</b> | CSA |
|-------------------------------|-----|

## Environmental

|  |                                  |
|--|----------------------------------|
| <b>Ambient Air Temperature for Operation</b> | 32...104 °F (0...40 °C)          |
| <b>Relative Humidity</b>                     | 0...95 % non-condensing          |
| <b>Operating altitude</b>                    | 0...10000 ft                     |
| <b>Ambient Air Temperature for Storage</b>   | 5...113 °F (-15...45 °C)         |
| <b>Storage Relative Humidity</b>             | 0...95 % non-condensing          |
| <b>Storage altitude</b>                      | 0...50000 ft (0.00...15240.00 m) |
| <b>Acoustic level</b>                        | 55 dBA                           |
| <b>Heat dissipation</b>                      | 1780 Btu/h                       |
| <b>IP degree of protection</b>               | IP20                             |

## Batteries & Runtime

|                                 |       |
|---------------------------------|-------|
| <b>Included Battery Modules</b> | 2     |
| <b>Typical recharge time</b>    | 2.5 h |
| <b>RBC Quantity</b>             | 1     |

|                                     |  |
|-------------------------------------|--|
| <b>Additional information</b>       | Configurable for 208 or 240 nominal output voltage   |
| <b>Battery Charge Power (Watts)</b> | 382 W rated  |
| <b>Battery power in VAH</b>         | 960 VAh runtime  |
| <b>Battery Life</b>                 | 3...5 year(s)  |
| <b>Replacement battery</b>          | <a href="#">APCRBC140</a> <br><a href="#">SRT192BP2US</a> <br><a href="#">SRT192RMBPUS</a>  |
| <b>Battery option</b>               | SURT192RMXLBP3U 1 2880 VAh<br>SURT192RMXLBP3U 2 4800 VAh<br>SURT192RMXLBP3U 3 6720 VAh<br>SURT192RMXLBP3U 4 8640 VAh<br>SURT192RMXLBP3U 5 10560 VAh<br>SURT192RMXLBP3U 6 12480 VAh<br>SURT192RMXLBP3U 8 16320 VAh<br>SURT192RMXLBP3U 10 20160 VAh  |
| <b>Extendable Run Time</b>          | 1  |

## Communications & Management

|                                       |  |
|---------------------------------------|--|
| <b>Free slots</b>                     | 0  |
| <b>Pre-Installed SmartSlot™ Cards</b> | Network management card 2 with environmental monitoring                                |
| <b>Alarm</b>                          | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| <b>Emergency Power Off (EPO)</b>      | Yes  |

## Surge Protection and Filtering

|                            |  |
|----------------------------|--|
| <b>Surge energy rating</b> | 480 J  |
| <b>Filtering</b>           | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m |

## Ordering and shipping details

|                      |                             |
|----------------------|-----------------------------|
| <b>Category</b>      | 11309 - APC RESALE PRODUCTS |
| <b>GTIN</b>          | 731304258827                |
| <b>Returnability</b> | No                          |

## Packing Units

|                                     |                          |
|-------------------------------------|--------------------------|
| <b>Unit Type of Package 1</b>       | PCE                      |
| <b>Number of Units in Package 1</b> | 1                        |
| <b>Package 1 Height</b>             | 13.66 in (34.7 cm)       |
| <b>Package 1 Width</b>              | 38.58 in (98 cm)         |
| <b>Package 1 Length</b>             | 23.74 in (60.3 cm)       |
| <b>Package 1 Weight</b>             | 159.00 lb(US) (72.12 kg) |

## Offer Sustainability

|                                   |   |
|-----------------------------------|---|
| <b>Sustainable offer status</b>   | Green Premium product   |
| <b>California proposition 65</b>  | 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> |
| <b>REACH Regulation</b>           | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| <b>Mercury free</b>               | Yes   |
| <b>RoHS exemption information</b> | Yes   |

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|                                    |   |
|------------------------------------|---|
| <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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|                 |                           |
|-----------------|---------------------------|
| <b>Warranty</b> | 2 years repair or replace |
|-----------------|---------------------------|

### **Recommended replacement(s)**