



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## Vertiv - PSI5-3000RT120LI : PSI5-3000RT120LI

### Specifications

|                                                          |                                 |
|----------------------------------------------------------|---------------------------------|
| ENERGY STAR Unique ID:                                   | 2390444                         |
| Brand Name:                                              | Vertiv                          |
| Model Name:                                              | PSI5-3000RT120LI                |
| Model Number:                                            | PSI5-3000RT120LI                |
| Power Conversion Mechanism:                              | Static                          |
| Minimum Configuration Tested Model Number:               | PSI5-3000RT120LI                |
| Active Output Power Rating Minimum Configuration (W):    | 2700                            |
| Apparent Output Power Rating Minimum Configuration (VA): | 2880                            |
| Topology (ac):                                           | Line Interactive                |
| Topology and Product Type Combined:                      | ac Line Interactive (VI)        |
| Application:                                             | Data Center,Consumer,Commercial |
| Rated Input Voltage (V rms):                             | 100-125                         |
| Rated Input Frequency (Hz):                              | 50-60                           |
| Rated Output Voltage (V):                                | 100-125                         |
| Rated Output Frequency (Hz):                             | 50-60                           |
| Rack Mountable:                                          | Yes                             |
| Rack Mount Height (U):                                   | 2                               |
| Height (mm):                                             | 86                              |
| Width (mm):                                              | 438                             |
| Depth (mm):                                              | 630                             |
| Total Number of Outlets:                                 | 7                               |
| Number of Battery Backup and Surge Protected Outlets:    | 7                               |
| Number of Surge Protected Only Outlets:                  | 0                               |
| Normal Mode(s) Input Dependency Characteristic (ac):     | Voltage Independent             |
| Modular UPS:                                             | No                              |
| Number of Normal Modes:                                  | Single-normal-mode              |
| Default Normal Mode (ac):                                | Voltage Independent             |
| Test Input Voltage (V rms):                              | 120                             |
| Test Input Frequency (Hz):                               | 60                              |
| Test Output Voltage (V):                                 | 120                             |

|                                                                   |                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Output Frequency (Hz):</b>                                | 60                                                                                                                                                                                                                                                                                    |
| <b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>  | 97.9                                                                                                                                                                                                                                                                                  |
| <b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>  | 98.6                                                                                                                                                                                                                                                                                  |
| <b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>  | 98.4                                                                                                                                                                                                                                                                                  |
| <b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b> | 98.1                                                                                                                                                                                                                                                                                  |
| <b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>     | 98.4                                                                                                                                                                                                                                                                                  |
| <b>Efficiency (%):</b>                                            | 98.4                                                                                                                                                                                                                                                                                  |
| <b>Modular UPS Module Tested Model Number:</b>                    | N/A                                                                                                                                                                                                                                                                                   |
| <b>Energy Storage Mechanism:</b>                                  | Battery                                                                                                                                                                                                                                                                               |
| <b>Energy Storage System Technology:</b>                          | Lithium-ion Battery                                                                                                                                                                                                                                                                   |
| <b>Energy Storage System Configuration:</b>                       | Integral                                                                                                                                                                                                                                                                              |
| <b>Energy Storage System Removable to Another Room:</b>           | N/A                                                                                                                                                                                                                                                                                   |
| <b>Energy Storage System Runtime at 100% Load (min.):</b>         | 8                                                                                                                                                                                                                                                                                     |
| <b>Energy Storage System Runtime at 50% Load (min.):</b>          | 19                                                                                                                                                                                                                                                                                    |
| <b>Energy Storage System Warranty (yrs):</b>                      | 2                                                                                                                                                                                                                                                                                     |
| <b>Energy Storage System Information URL:</b>                     | <a href="https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/vertiv-liebert-psi5-lithium-ion-ups/">https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/vertiv-liebert-psi5-lithium-ion-ups/</a> |
| <b>Battery Recycling URL:</b>                                     | <a href="https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/">https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/</a>                                                                                   |
| <b>Network Connections Available:</b>                             | USB Port                                                                                                                                                                                                                                                                              |
| <b>Communication Protocols:</b>                                   | Other                                                                                                                                                                                                                                                                                 |
| <b>Communication Protocol Other:</b>                              | ESP2                                                                                                                                                                                                                                                                                  |
| <b>Manufacturer Take Back Program:</b>                            | Yes                                                                                                                                                                                                                                                                                   |
| <b>Manufacturer Take Back Program URL:</b>                        | <a href="https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/">https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/</a>                                                                                   |
| <b>Model Web Page URL:</b>                                        | <a href="https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/vertiv-liebert-psi5-lithium-ion-ups/">https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/vertiv-liebert-psi5-lithium-ion-ups/</a> |
| <b>Test Method Guidelines:</b>                                    | N/A                                                                                                                                                                                                                                                                                   |
| <b>Date Available on Market:</b>                                  | 2022-02-01                                                                                                                                                                                                                                                                            |
| <b>Date Certified:</b>                                            | 2022-10-19                                                                                                                                                                                                                                                                            |
| <b>Markets:</b>                                                   | United States, Canada                                                                                                                                                                                                                                                                 |
| <b>ENERGY STAR Certified:</b>                                     | Yes                                                                                                                                                                                                                                                                                   |

## Additional Model Information

PSI5-3000RT120LITAA,PSI5-3000RT120LITAA,

**Captured On:**  
05/01/2025