



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## Vertiv - PSI5-800RT120 : PSI5-800RT120

### Specifications

ENERGY STAR Unique ID:	2391599
Brand Name:	Vertiv
Model Name:	PSI5-800RT120
Model Number:	PSI5-800RT120
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	PSI5-800RT120
Active Output Power Rating Minimum Configuration (W):	720
Apparent Output Power Rating Minimum Configuration (VA):	800
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):	410
Total Number of Outlets:	6
Number of Battery Backup and Surge Protected Outlets:	6
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):	125
Test Input Frequency (Hz):	60
Test Output Voltage (V):	125

<b>Test Output Frequency (Hz):</b>	60
<b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>	96.5
<b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>	98.3
<b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>	98.4
<b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>	98.5
<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>	Valve Regulated Lead-acid 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>	5
<b>Energy Storage System Runtime at 50% Load (min.):</b>	15
<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/liebert-psi5-800---5000va/">https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-psi5-800---5000va/</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/liebert-psi5-800---5000va/">https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-psi5-800---5000va/</a>
<b>Test Method Guidelines:</b>	N/A
<b>Date Available on Market:</b>	2022-02-01
<b>Date Certified:</b>	2022-01-20
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

PSI5-800RT120TAA,PSI5-800RT120TAA,

**Captured On:**  
04/28/2025