



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

Test Output Frequency (Hz):	60
Efficiency at 25% Load Min Config Lowest Dependency (ac):	96.5
Efficiency at 50% Load Min Config Lowest Dependency (ac):	98.3
Efficiency at 75% Load Min Config Lowest Dependency (ac):	98.4
Efficiency at 100% Load Min Config Lowest Dependency (ac):	98.5
Weighted Efficiency Calc Min Config Lowest Dependency:	98.4
Efficiency (%):	98.4
Modular UPS Module Tested Model Number:	N/A
Energy Storage Mechanism:	Battery
Energy Storage System Technology:	Valve Regulated Lead-acid Battery
Energy Storage System Configuration:	Integral
Energy Storage System Removable to Another Room:	N/A
Energy Storage System Runtime at 100% Load (min.):	5
Energy Storage System Runtime at 50% Load (min.):	15
Energy Storage System Warranty (yrs):	2
Energy Storage System Information URL:	https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-psi5-800---5000va/
Battery Recycling URL:	https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/
Network Connections Available:	USB Port
Communication Protocols:	Other
Communication Protocol Other:	ESP2
Manufacturer Take Back Program:	Yes
Manufacturer Take Back Program URL:	https://www.vertiv.cn/en-us/support/tools-applications/power-continuity-services-selector/
Model Web Page URL:	https://www.vertiv.cn/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-psi5-800---5000va/
Test Method Guidelines:	N/A
Date Available on Market:	2022-02-01
Date Certified:	2022-01-20
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

PSI5-800RT120TAA,PSI5-800RT120TAA,

Captured On:
05/01/2025