



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## Vertiv - PST5-500MT120 : PST5-500MT120

### Specifications

ENERGY STAR Unique ID:	2336063
Brand Name:	Vertiv
Model Name:	PST5-500MT120
Model Number:	PST5-500MT120
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	PST5-500MT120
Active Output Power Rating Minimum Configuration (W):	300
Apparent Output Power Rating Minimum Configuration (VA):	500
Topology (ac):	Passive Standby
Topology and Product Type Combined:	Alternating Current (ac) - Offline (VFD)
Application:	Data Center,Consumer,Commercial
Rated Input Voltage (V rms):	120-120
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	120-120
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	97
Width (mm):	158
Depth (mm):	305
Total Number of Outlets:	8
Number of Battery Backup and Surge Protected Outlets:	4
Number of Surge Protected Only Outlets:	4
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Dependent
Modular UPS:	No
Number of Normal Modes:	Single-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Dependent
Test Input Voltage (V rms):	120
Test Input Frequency (Hz):	60
Test Output Voltage (V):	120
Test Output Frequency (Hz):	60

<b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>	97.1
<b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>	98.2
<b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>	98.5
<b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>	98.6
<b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>	98.1
<b>Efficiency (%):</b>	98.1
<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>	3
<b>Energy Storage System Runtime at 50% Load (min.):</b>	9
<b>Energy Storage System Warranty (yrs):</b>	1
<b>Energy Storage System Information URL:</b>	<a href="https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/">https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/</a>
<b>Network Connections Available:</b>	USB Port
<b>Communication Protocols:</b>	None
<b>Manufacturer Take Back Program:</b>	No
<b>Model Web Page URL:</b>	<a href="https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/">https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/</a>
<b>Test Method Guidelines:</b>	N/A
<b>Date Available on Market:</b>	2019-05-01
<b>Date Certified:</b>	2019-04-03
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

PST5-500MT120TAA,PST5-500MT120TAA,

**Captured On:**  
07/25/2025