

Vertiv - PST5-850MT120 : PST5-850MT120

ENERGY STAR Unique ID: 2336065 Brand Name: Vertiv Model Name: PST5-850MT120 Model Number: PST5-850MT120 Power Conversion Mechanism: Static Minimum Configuration Tested Model Number: PST5-850MT120 Active Output Power Rating Minimum Configuration (W): Apparent Output Power Rating Minimum Configuration (VA): Passive Standby 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 Frequency (Hz): 50-60 Rack Mountable: No Height (mm): 97 Width (mm): 158 Depth (mm): 158 Depth (mm): 305 Total Number of Outlets: 8 Number of Battery Backup and Surge Protected Outlets: 4 Normal Mode(s) Input Dependency Charce Income Inmode No No Number of Normal Modes: Single-normal-mode	Specifications	
Brand Name: Vertiv Model Name: PST5-850MT120 Model Number: PST5-850MT120 Power Conversion Mechanism: Static Minimum Configuration Tested Model Number: PST5-850MT120 Active Output Power Rating Minimum Configuration (W): 500 Apparent Output Power Rating Minimum Configuration (VA): 850 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 (rmm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: 8 Number of Battery Backup and Surge 4 Voltage and Frequency Dependent Characteristic (ac): No No Number of Surge Protected Only Outlets: No		000000
Model Name: PST5-850MT120 Model Number: PST5-850MT120 Power Conversion Mechanism: Static Minimum Configuration Tested Model Number: S00 Active Output Power Rating Minimum Configuration (W): S00 Apparent Output Power Rating Minimum Configuration (VA): S00 Apparent Output Product Type Combined: Alternating Current (ac) - Offline (VFD) Application: Data Center, Consumer, Commercial S00 Rated Input Voltage (V rms): 120-120 Rated Input Voltage (V): 120-120 Rated Output Frequency (Hz): 50-60 Rated Output Frequency (Hz): 50-60 Rack Mountable: No Height (mm): 97 Width (mm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: 8 Number of Battery Backup and Surge Protected Outlets: 8 Number of Battery Backup and Surge Protected Outlets: 4 Normal Mode(s) Input Dependency Voltage and Frequency Dependent Characteristic (ac): 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 Voltage (V rms): 120	•	
Model Number: PST5-850MT120 Power Conversion Mechanism: Static Minimum Configuration Tested Model Number: PST5-850MT120 Active Output Power Rating Minimum Configuration (W): 500 Apparent Output Power Rating Minimum Configuration (VA): 850 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 4 Protected Outlets: 4 Number of Surge Protected Only Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): No Modular UPS: No Modular UPS: No		
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Minimum Configuration Tested Model Number: Active Output Power Rating Minimum Configuration (W): Apparent Output Power Rating Minimum Configuration (VA): Topology (ac): Passive Standby Topology and Product Type Combined: Alternating Current (ac) - Offline (VFD) Application: Rated Input Voltage (V rms): 120-120 Rated Input Voltage (V): 120-120 Rated Output Frequency (Hz): 50-60 Rated Output Frequency (Hz): 80-60 Rated Output Frequency (Hz): 80-60 Rated Mountable: No Height (mm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: Number of Sattery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Voltage and Frequency Dependent Characteristic (ac): Modular UPS: No Number of Normal Mode(s): Voltage and Frequency Dependent Test Input Voltage (V rms): 120 Test Input Frequency (Hz): 60		
Number: Active Output Power Rating Minimum Configuration (W): S00 Apparent Output Power Rating Minimum Configuration (VA): Passive Standby 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 Rumber of Outlets: 8 Number of Battery Backup and Surge Protected Only Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): Woltage 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		
Configuration (W): Apparent Output Power Rating Minimum Configuration (VA): Topology (ac): Passive Standby Topology and Product Type Combined: Alternating Current (ac) - Offline (VFD) Application: Data Center, Consumer, Commercial Rated Input Voltage (V rms): Rated Input Frequency (Hz): So-60 Rated Output Voltage (V): Rated Output Voltage (V): Rated Output Voltage (V): Rated Output Frequency (Hz): So-60 Rack Mountable: No Height (mm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: A Normal Mode(s) Input Dependency Characteristic (ac): Modular UPS: No No Number of Normal Modes: Default Normal Mode (ac): Voltage and Frequency Dependent Test Input Voltage (V rms): 120 Test Input Frequency (Hz): 60	Minimum Configuration Tested Model Number:	PST5-850MT120
Configuration (VA): 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 Output Frequency (Hz): 50-60 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): No 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	Active Output Power Rating Minimum Configuration (W):	500
Topology and Product Type Combined: Application: Rated Input Voltage (V rms): Rated Input Frequency (Hz): So-60 Rated Output Voltage (V): Rated Output Frequency (Hz): So-60 Rated Output Frequency (Hz): So-60 Rack Mountable: No Height (mm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Voltage and Frequency Dependent Characteristic (ac): No No Number of Normal Mode (ac): Voltage and Frequency Dependent Test Input Voltage (V rms): 120 Test Input Frequency (Hz): 60		850
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 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	Topology (ac):	Passive Standby
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 Only Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): Voltage and Frequency Dependent Number of Normal Modes: Single-normal-mode Default Normal Mode (ac): Voltage and Frequency Dependent Test Input Frequency (Hz): 60	Topology and Product Type Combined:	Alternating Current (ac) - Offline (VFD)
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 Normal Mode(s) Input Dependency Characteristic (ac): 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	Application:	Data Center,Consumer,Commercial
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 Normal Mode(s) Input Dependency Characteristic (ac): 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	Rated Input Voltage (V rms):	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 Only Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): 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	Rated Input Frequency (Hz):	50-60
Rack Mountable: Height (mm): 97 Width (mm): 158 Depth (mm): 305 Total Number of Outlets: 8 Number of Battery Backup and Surge Protected Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): Modular UPS: No Number of Normal Modes: Default Normal Mode (ac): Voltage and Frequency Dependent Default Normal Mode (ac): Voltage and Frequency Dependent Test Input Voltage (V rms): 120 Test Input Frequency (Hz):	Rated Output Voltage (V):	120-120
Height (mm): Width (mm): 158 Depth (mm): 305 Total Number of Outlets: Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Voltage and Frequency Dependent Characteristic (ac): Modular UPS: No Number of Normal Modes: Default Normal Mode (ac): Voltage and Frequency Dependent Test Input Voltage (V rms): 120 Test Input Frequency (Hz): 60	Rated Output Frequency (Hz):	50-60
Width (mm): 158 Depth (mm): 305 Total Number of Outlets: 8 Number of Battery Backup and Surge Protected Outlets: 4 Normal Mode(s) Input Dependency Characteristic (ac): 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	Rack Mountable:	No
Depth (mm): Total Number of Outlets: Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Normal Mode(s) Input Dependency Characteristic (ac): Modular UPS: No Number of Normal Modes: Default Normal Mode (ac): Test Input Voltage (V rms): Test Input Frequency (Hz): 305 4 Voltage and Frequency Dependency Voltage and Frequency Dependent Voltage and Frequency Dependent 120 Test Input Frequency (Hz):	Height (mm):	97
Total Number of Outlets: Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Normal Mode(s) Input Dependency Characteristic (ac): Modular UPS: No Number of Normal Modes: Single-normal-mode Default Normal Mode (ac): Test Input Voltage (V rms): 120 Test Input Frequency (Hz):	Width (mm):	158
Number of Battery Backup and Surge Protected Outlets: Number of Surge Protected Only Outlets: Normal Mode(s) Input Dependency Characteristic (ac): Modular UPS: No Number of Normal Modes: Single-normal-mode Default Normal Mode (ac): Voltage and Frequency Dependent Voltage and Frequency Dependent 120 Test Input Frequency (Hz): 60	Depth (mm):	305
Protected Outlets:Aumber of Surge Protected Only Outlets:4Normal Mode(s) Input Dependency Characteristic (ac):Voltage and Frequency DependentModular UPS:NoNumber of Normal Modes:Single-normal-modeDefault Normal Mode (ac):Voltage and Frequency DependentTest Input Voltage (V rms):120Test Input Frequency (Hz):60	Total Number of Outlets:	8
Normal Mode(s) Input Dependency Characteristic (ac): 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	Number of Battery Backup and Surge Protected Outlets:	4
Characteristic (ac):NoModular UPS:NoNumber of Normal Modes:Single-normal-modeDefault Normal Mode (ac):Voltage and Frequency DependentTest Input Voltage (V rms):120Test Input Frequency (Hz):60	Number of Surge Protected Only Outlets:	4
Number of Normal Modes: Default Normal Mode (ac): Voltage and Frequency Dependent 120 Test Input Frequency (Hz): 60	Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Dependent
Default Normal Mode (ac): Test Input Voltage (V rms): Test Input Frequency (Hz): 60	Modular UPS:	No
Test Input Voltage (V rms): 120 Test Input Frequency (Hz): 60	Number of Normal Modes:	Single-normal-mode
Test Input Frequency (Hz): 60	Default Normal Mode (ac):	Voltage and Frequency Dependent
	Test Input Voltage (V rms):	120
Test Output Voltage (V): 120	Test Input Frequency (Hz):	60
	Test Output Voltage (V):	120
Test Output Frequency (Hz): 60	Test Output Frequency (Hz):	60

Efficiency at 25% Load Min Config Lowest Dependency (ac):	98.1
Efficiency at 50% Load Min Config Lowest Dependency (ac):	98.7
Efficiency at 75% Load Min Config Lowest Dependency (ac):	98.7
Efficiency at 100% Load Min Config Lowest Dependency (ac):	98.5
Weighted Efficiency Calc Min Config Lowest Dependency:	98.5
Efficiency (%):	98.5
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.):	1
Energy Storage System Runtime at 50% Load (min.):	6
Energy Storage System Warranty (yrs):	1
Energy Storage System Information URL:	https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/
Network Connections Available:	USB Port
Communication Protocols:	None
Manufacturer Take Back Program:	No
Model Web Page URL:	https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-pst5-ups/
Test Method Guidelines:	N/A
Date Available on Market:	2019-05-01
Date Certified:	2019-04-03
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

PST5-850MT120TAA,PST5-850MT120TAA,

Captured On: 06/18/2025