



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Liebert - Liebert EXS : EXS 0020kTH1AFN01000

Specifications

ENERGY STAR Unique ID:	2335259
Brand Name:	Liebert
Model Name:	Liebert EXS
Model Number:	EXS 0020kTH1AFN01000
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	0020kTH1AFN01000
Active Output Power Rating Minimum Configuration (W):	20000
Apparent Output Power Rating Minimum Configuration (VA):	20000
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Commercial,Consumer,Data Center
Rated Input Voltage (V rms):	380-415
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	240-415
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	1300
Width (mm):	335
Depth (mm):	650
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Dependent,Voltage and Frequency Independent
Modular UPS:	No
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	415
Test Input Frequency (Hz):	60
Test Output Voltage (V):	415
Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	97.49
Efficiency at 25% Load Min Config Lowest Dependency (ac):	95.1

Efficiency at 50% Load Min Config Lowest Dependency (ac):	96.1
Efficiency at 75% Load Min Config Lowest Dependency (ac):	96.1
Efficiency at 100% Load Min Config Lowest Dependency (ac):	95.8
Weighted Efficiency Calc Min Config Lowest Dependency:	95.9
Efficiency (%):	95.9
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:	No
Energy Storage System Runtime at 100% Load (min.):	7
Energy Storage System Runtime at 50% Load (min.):	21
Energy Storage System Warranty (yrs):	1
Energy Storage System Information URL:	N/A
Network Connections Available:	Serial Port,Other,USB Port,Ethernet
Communication Protocols:	Modbus TCP,HTTPS,Other,HTTP,SNMP (v1, 2 or 3),Modbus RTU
Communication Protocol Other:	BACnet,IP/MSTP,YDN23
Manufacturer Take Back Program:	No
Model Web Page URL:	https://www.vertivco.com
Test Method Guidelines:	N/A
Date Available on Market:	2017-10-19
Date Certified:	2019-01-23
Markets:	United States, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Liebert EXS,EXS 0010kTH1AFN01000,; Liebert EXS,EXS 0010kTH1AFN02000,; Liebert EXS,EXS 0015kTH1AFN01000,; Liebert EXS,EXS 0015kTH1AFN02000,; Liebert EXS,EXS 0020kTH1AFN02000,

Captured On:
06/18/2025