



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Vertiv - Liebert eXM : 51SA160AQA

Specifications

ENERGY STAR Unique ID:	2335947
Brand Name:	Vertiv
Model Name:	Liebert eXM
Model Number:	51SA160AQA
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	51SA160AQA
Active Output Power Rating Minimum Configuration (W):	40000
Apparent Output Power Rating Minimum Configuration (VA):	40000
Maximum Configuration Tested Model Number:	51SA250NAA
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Commercial,Consumer,Data Center
Rated Input Voltage (V rms):	480-480
Rated Input Frequency (Hz):	60-60
Rated Output Voltage (V):	480-480
Rated Output Frequency (Hz):	60-60
Rack Mountable:	No
Height (mm):	2000
Width (mm):	848
Depth (mm):	994
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Dependent,Voltage and Frequency Independent
Modular UPS:	Yes
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	480
Test Input Frequency (Hz):	60
Test Output Voltage (V):	480
Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	1077.64

Efficiency at 25% Load Min Config Lowest Dependency (ac):	94.3
Efficiency at 50% Load Min Config Lowest Dependency (ac):	95.8
Efficiency at 75% Load Min Config Lowest Dependency (ac):	96.2
Efficiency at 100% Load Min Config Lowest Dependency (ac):	96.1
Weighted Efficiency Calc Min Config Lowest Dependency:	95.5
Efficiency (%):	95.5
Modular UPS Module Tested Model Number:	Power module, eXM 50KVA
Energy Storage Mechanism:	Battery
Energy Storage System Technology:	Valve Regulated Lead-acid Battery
Energy Storage System Configuration:	Separate Enclosure
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.):	10
Energy Storage System Warranty (yrs):	3
Energy Storage System Information URL:	N/A
Network Connections Available:	Serial Port,Other,USB Port,Ethernet
Communication Protocols:	Modbus TCP,HTTPS,Other,HTTP,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:	2017-05-31
Date Certified:	2019-01-23
Markets:	United States, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Liebert eXM,51SA160DQA,, Liebert eXM,51SA160DRA,, Liebert eXM,51SA160FQA,, Liebert eXM,51SA160FRA,, Liebert eXM,51SA160JQA,, Liebert eXM,51SA160JRA,, Liebert eXM,51SA175TQA,, Liebert eXM,51SA175TRA,, Liebert eXM,51SA180KQA,, Liebert eXM,51SA180KRA,, Liebert eXM,51SA200BQA,, Liebert eXM,51SA200BRA,, Liebert eXM,51SA200EQ,, Liebert eXM,51SA200ERA,, Liebert eXM,51SA200HQA,, Liebert eXM,51SA200HRA,, Liebert eXM,51SA200LQA,, Liebert eXM,51SA200LRA,, Liebert eXM,51SA225MAA,, Liebert eXM,51SA250BAA,, Liebert eXM,51SA250BBA,, Liebert eXM,51SA250EAA,, Liebert eXM,51SA250EBA,, Liebert eXM,51SA250HAA,, Liebert eXM,51SA250HBA,, Liebert eXM,51SA250LAA,, Liebert eXM,51SA250LBA,, Liebert eXM,51SN160AQA,, Liebert eXM,51SN160DQA,, Liebert eXM,51SN160DRA,, Liebert eXM,51SN160FQA,, Liebert eXM,51SN160FRA,, Liebert eXM,51SN160JQA,, Liebert eXM,51SN160JRA,, Liebert eXM,51SN175TQA,, Liebert eXM,51SN175TRA,, Liebert eXM,51SN180KQA,, Liebert eXM,51SN180KRA,, Liebert eXM,51SN200BQA,, Liebert eXM,51SN200BRA,, Liebert eXM,51SN200EQ,, Liebert eXM,51SN200ERA,, Liebert eXM,51SN200HQA,, Liebert eXM,51SN200HRA,, Liebert eXM,51SN200LQA,, Liebert eXM,51SN200LRA,, Liebert eXM,51SN225MAA,, Liebert eXM,51SN250BAA,, Liebert eXM,51SN250BBA,, Liebert eXM,51SN250EAA,, Liebert eXM,51SN250EBA,, Liebert eXM,51SN250HAA,, Liebert eXM,51SN250HBA,, Liebert eXM,51SN250LAA,, Liebert eXM,51SN250LBA,,

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