



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Vertiv - Liebert EXS F2 series : 53S20G[C|Y][0|6|7|8][0|A|C|D|Q][0|1|2|3|4|5|6|7|8|A|B|C|D|E][0|A|B|C|1|2|3|4|5|6|7|8|9|W|X|Y][0|A|B|C|1|2|3|4|5|6|7|8|9|W|X|Y][0-9|A-Z][0-9|A-Z][0-9|A-Z]

Specifications

ENERGY STAR Unique ID:	2335280
Brand Name:	Vertiv
Model Name:	Liebert EXS F2 series
Model Number:	53S20G[C Y][0 6 7 8][0 A C D Q][0 1 2 3 4 5 6 7 8 A B C D E][0 A B C 1 2 3 4 5 6 7 8 9 W X Y][0 A B C 1 2 3 4 5 6 7 8 9 W X Y][0-9 A-Z][0-9 A-Z][0-9 A-Z]
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	53S20GC000000A0A0A
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):	208-220
Rated Input Frequency (Hz):	60-60
Rated Output Voltage (V):	208-220
Rated Output Frequency (Hz):	60-60
Rack Mountable:	No
Height (mm):	1600
Width (mm):	440
Depth (mm):	749
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 Dependent
Test Input Voltage (V rms):	208
Test Input Frequency (Hz):	60
Test Output Voltage (V):	208
Test Output Frequency (Hz):	60

Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	163.14
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	87.59
Efficiency at 25% Load Min Config Lowest Dependency (ac):	93.2
Efficiency at 25% Load Min Config Highest Dependency (ac):	98.2
Efficiency at 50% Load Min Config Lowest Dependency (ac):	94.1
Efficiency at 50% Load Min Config Highest Dependency (ac):	98.8
Efficiency at 75% Load Min Config Lowest Dependency (ac):	93.4
Efficiency at 75% Load Min Config Highest Dependency (ac):	99.0
Efficiency at 100% Load Min Config Lowest Dependency (ac):	92.3
Efficiency at 100% Load Min Config Highest Dependency (ac):	99.0
Weighted Efficiency Calc Min Config Lowest Dependency:	93.7
Weighted Efficiency Calc Min Config Highest Dependency:	98.7
Minimum Configuration Input Power Factor Highest-Input Dependency:	0.99
Efficiency (%):	94.9
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:	Yes
Energy Storage System Runtime at 100% Load (min.):	15
Energy Storage System Runtime at 50% Load (min.):	35
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:	www.vertivco.com
Test Method Guidelines:	N/A
Date Available on Market:	2018-04-30
Date Certified:	2019-01-23

Markets:	United States, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Liebert EXS F2 series,53S15G[C|Y][0|6|7|8][0|A|C|D|Q][0|1|2|3|4|5|6|7|8|A|B|C|D|E][0|A|B|C|1|2|3|4|5|6|7|8|9|W|X|Y][0|A|B|C|1|2|3|4|5|6|7|8|9|W|X|Y][0-9|A-Z][0-9|A-Z][0-9|A-Z],

Captured On:
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