Liebert - Liebert EXS F5 20k series : 53*20J* * * * * * *

Specifications

ENERGY STAR Unique ID:	2668212
Brand Name:	Liebert
Model Name:	Liebert EXS F5 20k series
Model Number:	53*20J* * * * * * *
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	1
Active Output Power Rating Minimum Configuration (W):	20000
Apparent Output Power Rating Minimum Configuration (VA):	20000
Maximum Configuration Tested Model Number:	2
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Data Center,Consumer,Commercial
Rated Input Voltage (V rms):	208-220
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	208-220
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	2000
Width (mm):	600
Depth (mm):	1000
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent,Voltage and Frequency Dependent
Modular UPS:	Yes
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):	162.36

Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	86.05
Efficiency at 25% Load Min Config Lowest Dependency (ac):	93.3
Efficiency at 25% Load Min Config Highest Dependency (ac):	97.6
Efficiency at 50% Load Min Config Lowest Dependency (ac):	94.1
Efficiency at 50% Load Min Config Highest Dependency (ac):	98.4
Efficiency at 75% Load Min Config Lowest Dependency (ac):	93.5
Efficiency at 75% Load Min Config Highest Dependency (ac):	98.6
Efficiency at 100% Load Min Config Lowest Dependency (ac):	92.6
Efficiency at 100% Load Min Config Highest Dependency (ac):	98.8
Weighted Efficiency Calc Min Config Lowest Dependency:	93.8
Weighted Efficiency Calc Min Config Highest Dependency:	98.4
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:	No
Energy Storage System Runtime at 100% Load (min.):	26
Energy Storage System Runtime at 50% Load (min.):	12
Energy Storage System Warranty (yrs):	1
Energy Storage System Information URL:	http://www.enersys.com, http://www.eastpennunigy.com
Network Connections Available:	USB Port
Communication Protocols:	Other
Manufacturer Take Back Program:	No
Model Web Page URL:	https://www.vertivco.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/
Test Method Guidelines:	N/A
Date Available on Market:	2023-09-15
Date Certified:	2023-09-25
Markets:	United States, Canada
ENERGY STAR Certified:	Yes