



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Vertiv - Liebert EXS Fr3 series : EXS 0060kTK16FN01000

Specifications

ENERGY STAR Unique ID:	2325104
Brand Name:	Vertiv
Model Name:	Liebert EXS Fr3 series
Model Number:	EXS 0060kTK16FN01000
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	EXS 0060kTK16FN01000
Active Output Power Rating Minimum Configuration (W):	60000
Apparent Output Power Rating Minimum Configuration (VA):	60000
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):	380-415
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	1600
Width (mm):	600
Depth (mm):	850
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):	575.06
Efficiency at 25% Load Min Config Lowest Dependency (ac):	94.3

Efficiency at 50% Load Min Config Lowest Dependency (ac):	95.7
Efficiency at 75% Load Min Config Lowest Dependency (ac):	95.8
Efficiency at 100% Load Min Config Lowest Dependency (ac):	95.7
Weighted Efficiency Calc Min Config Lowest Dependency:	95.4
Efficiency (%):	95.4
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:	Separate Enclosure
Energy Storage System Removable to Another Room:	No
Energy Storage System Runtime at 100% Load (min.):	10
Energy Storage System Runtime at 50% Load (min.):	20
Energy Storage System Warranty (yrs):	1
Energy Storage System Information URL:	http://www.enersys.com/ http://www.eastpennunigy.com/
Network Connections Available:	None
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:	2018-09-01
Date Certified:	2018-08-17
Markets:	United States, Switzerland, Taiwan, Japan, Canada
ENERGY STAR Certified:	Yes

Captured On:
05/01/2025