



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## Vertiv - EXL 0825kTK56FN01000 : EXL 0825kTK56FN01000

### Specifications

ENERGY STAR Unique ID:	2421041
Brand Name:	Vertiv
Model Name:	EXL 0825kTK56FN01000
Model Number:	EXL 0825kTK56FN01000
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	EXL 0825kTK56FN01000
Active Output Power Rating Minimum Configuration (W):	743000
Apparent Output Power Rating Minimum Configuration (VA):	825000
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Data Center,Consumer,Commercial
Rated Input Voltage (V rms):	430-528
Rated Input Frequency (Hz):	45-66
Rated Output Voltage (V):	480-480
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	2150
Width (mm):	2003
Depth (mm):	975
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent,Voltage and Frequency Dependent
Modular UPS:	No
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Dependent
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):	4812.32
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	2528.85

<b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>	97.0
<b>Efficiency at 25% Load Min Config Highest Dependency (ac):</b>	99.5
<b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>	97.0
<b>Efficiency at 50% Load Min Config Highest Dependency (ac):</b>	99.8
<b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>	97.1
<b>Efficiency at 75% Load Min Config Highest Dependency (ac):</b>	99.9
<b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>	97.0
<b>Efficiency at 100% Load Min Config Highest Dependency (ac):</b>	99.9
<b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>	97.0
<b>Weighted Efficiency Calc Min Config Highest Dependency:</b>	99.8
<b>Minimum Configuration Input Power Factor Highest-Input Dependency:</b>	0.99
<b>Efficiency (%):</b>	97.7
<b>Modular UPS Module Tested Model Number:</b>	N/A
<b>Energy Storage Mechanism:</b>	Battery
<b>Energy Storage System Technology:</b>	Valve Regulated Lead-acid Battery
<b>Energy Storage System Configuration:</b>	Separate Enclosure
<b>Energy Storage System Removable to Another Room:</b>	No
<b>Energy Storage System Runtime at 100% Load (min.):</b>	15
<b>Energy Storage System Runtime at 50% Load (min.):</b>	30
<b>Energy Storage System Warranty (yrs):</b>	5
<b>Energy Storage System Information URL:</b>	<a href="http://www.enersys.com/">http://www.enersys.com/</a> <a href="http://www.eastpennunigy.com/">http://www.eastpennunigy.com/</a>
<b>Network Connections Available:</b>	Serial Port
<b>Communication Protocols:</b>	Modbus TCP,SNMP (v1, 2 or 3),Modbus RTU
<b>Manufacturer Take Back Program:</b>	No
<b>Model Web Page URL:</b>	<a href="https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-exl-s1/">https://www.vertiv.com/en-us/products-catalog/critical-power/uninterruptible-power-supplies-ups/liebert-exl-s1/</a>
<b>Test Method Guidelines:</b>	N/A
<b>Date Available on Market:</b>	2023-07-01
<b>Date Certified:</b>	2023-03-14
<b>Markets:</b>	United States, Taiwan, Japan, Canada
<b>ENERGY STAR Certified:</b>	Yes

**Captured On:**  
05/01/2025