ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Vertiv - Liebert APM2 FR1 c2 Series : 56S(c2)(d2)C(f)(g)(h)(i)(j)

Specifications

ENERGY STAR Unique ID:	3815207
Brand Name:	Vertiv
Model Name:	Liebert APM2 FR1 c2 Series
Model Number:	56S(c2)(d2)C(f)(g)(h)(i)(j)
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	56S(c2)(d2)C(f)(g)(h)(i)(j)
Active Output Power Rating Minimum Configuration (W):	20000
Apparent Output Power Rating Minimum Configuration (VA):	20000
Maximum Configuration Tested Model Number:	56S(c2)(d2)P(f)(g)(h)(i)(j)
Active Output Power Rating Maximum Configuration (W):	120000
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Data Center,Consumer,Commercial
Rated Input Voltage (V rms):	380-415
Rated Input Frequency (Hz):	60-60
Rated Output Voltage (V):	380-415
Rated Output Frequency (Hz):	60-60
Rack Mountable:	No
Height (mm):	2000
Width (mm):	600
Depth (mm):	1029
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 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):	174.91
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	82.55
Efficiency at 25% Load Min Config Lowest Dependency (ac):	95.4
Efficiency at 25% Load Min Config Highest Dependency (ac):	97.6
Efficiency at 50% Load Min Config Lowest Dependency (ac):	97.0
Efficiency at 50% Load Min Config Highest Dependency (ac):	99.0
Efficiency at 75% Load Min Config Lowest Dependency (ac):	97.3
Efficiency at 75% Load Min Config Highest Dependency (ac):	99.4
Efficiency at 100% Load Min Config Lowest Dependency (ac):	97.2
Efficiency at 100% Load Min Config Highest Dependency (ac):	99.5
Weighted Efficiency Calc Min Config Lowest Dependency:	96.7
Weighted Efficiency Calc Min Config Highest Dependency:	98.7
Minimum Configuration Input Power Factor Highest-Input Dependency:	0.99
Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):	709.37
Total Input Power in W at 0% Load Max Config Highest Dependency (ac):	202.64
Efficiency at 25% Load Max Config Lowest Dependency (ac):	96.2
Efficiency at 25% Load Max Config Highest Dependency (ac):	98.7
Efficiency at 50% Load Max Config Lowest Dependency (ac):	96.8
Efficiency at 50% Load Max Config Highest Dependency (ac):	99.0
Efficiency at 75% Load Max Config Lowest Dependency (ac):	97.0
Efficiency at 75% Load Max Config Highest Dependency (ac):	99.2
Efficiency at 100% Load Max Config Lowest Dependency (ac):	96.8
Efficiency at 100% Load Max Config Highest Dependency (ac):	99.2
Weighted Efficiency Calc Max Config Lowest Dependency:	96.7
Weighted Efficiency Calc Max Config Highest Dependency:	99.0

Maximum Configuration Input Power Factor Lowest-Input Dependency:	0.99
Maximum Configuration Input Power Factor Highest-Input Dependency:	0.99
Efficiency (%):	96.7
Modular UPS Module Tested Model Number:	56S(c2)(d2)C(f)(g)(h)(i)(j), 56S(c2)(d2)P(f)(g)(h)(i)(j)
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.):	20
Energy Storage System Runtime at 50% Load (min.):	40
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:	2024-10-30
Date Certified:	2024-11-28
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Liebert APM2 FR1 c2 Series,56S(c2)(d2)E(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)F(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)H(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)J(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)L(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)M(f)(g)(h)(i)(j),; Liebert APM2 FR1 c2 Series,56S(c2)(d2)N(f)(g)(h)(i)(j),

Captured On:
05/01/2025