ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Liebert - Liebert APM2 FR3 c1 Series : 56S(c1)(d3)R(f)N(h)(i)(j)

Specifications

ENERGY STAR Unique ID:	3722633
Brand Name:	Liebert
Model Name:	Liebert APM2 FR3 c1 Series
Model Number:	56S(c1)(d3)R(f)N(h)(i)(j)
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	56S(c1)(d3)J(f)N(h)(i)(j)
Active Output Power Rating Minimum Configuration (W):	60000
Apparent Output Power Rating Minimum Configuration (VA):	60000
Maximum Configuration Tested Model Number:	56S(c1)(d3)R(f)N(h)(i)(j)
Active Output Power Rating Maximum Configuration (W):	150000
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):	60-60
Rated Output Voltage (V):	208-220
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 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):	299.92
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	200.0
Efficiency at 25% Load Min Config Lowest Dependency (ac):	95.5
Efficiency at 25% Load Min Config Highest Dependency (ac):	98.0
Efficiency at 50% Load Min Config Lowest Dependency (ac):	95.5
Efficiency at 50% Load Min Config Highest Dependency (ac):	98.5
Efficiency at 75% Load Min Config Lowest Dependency (ac):	94.8
Efficiency at 75% Load Min Config Highest Dependency (ac):	98.7
Efficiency at 100% Load Min Config Lowest Dependency (ac):	93.9
Efficiency at 100% Load Min Config Highest Dependency (ac):	98.8
Weighted Efficiency Calc Min Config Lowest Dependency:	95.3
Weighted Efficiency Calc Min Config Highest Dependency:	98.5
Minimum Configuration Input Power Factor Highest-Input Dependency:	0.99
Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):	673.06
Total Input Power in W at 0% Load Max Config Highest Dependency (ac):	673.06
Efficiency at 25% Load Max Config Lowest Dependency (ac):	95.7
Efficiency at 25% Load Max Config Highest Dependency (ac):	98.2
Efficiency at 50% Load Max Config Lowest Dependency (ac):	95.5
Efficiency at 50% Load Max Config Highest Dependency (ac):	98.5
Efficiency at 75% Load Max Config Lowest Dependency (ac):	94.6
Efficiency at 75% Load Max Config Highest Dependency (ac):	98.5
Efficiency at 100% Load Max Config Lowest Dependency (ac):	93.6
Efficiency at 100% Load Max Config Highest Dependency (ac):	98.3
Weighted Efficiency Calc Max Config Lowest Dependency:	95.3
Weighted Efficiency Calc Max Config Highest Dependency:	98.4

Maximum Configuration Input Power Factor Lowest-Input Dependency:	0.99
Maximum Configuration Input Power Factor Highest-Input Dependency:	0.99
Efficiency (%):	96.1
Modular UPS Module Tested Model Number:	56S(c1)(d3)J(f)N(h)(i)(j), 56S(c1)(d3)R(f)N(h)(i)(j)
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.):	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:	2024-11-11
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Liebert APM2 FR3 c1 Series,56S(c1)(d3)K(f)N(h)(i)(j),; Liebert APM2 FR3 c1 Series,56S(c1)(d3)L(f)N(h)(i)(j),; Liebert APM2 FR3 c1 Series,56S(c1)(d3)M(f)N(h)(i)(j),; Liebert APM2 FR3 c1 Series,56S(c1)(d3)N(f)N(h)(i)(j),; Liebert APM2 FR3 c1 Series,56S(c1)(d3)P(f)N(h)(i)(j),; Liebert APM2 FR3 c1 Series,56S(c1)(d3)Q(f)N(h)(i)(j),

Captured On:
06/18/2025