



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Vertiv - Liebert APM2 FR3 c3 Series : 56S(c3)(d4)X(f)N(h)(i)(j)

Specifications

| | |
|--|---|
| ENERGY STAR Unique ID: | 3798688 |
| Brand Name: | Vertiv |
| Model Name: | Liebert APM2 FR3 c3 Series |
| Model Number: | 56S(c3)(d4)X(f)N(h)(i)(j) |
| Power Conversion Mechanism: | Static |
| Minimum Configuration Tested Model Number: | 56S(c3)(d4)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(c3)(d4)X(f)N(h)(i)(j) |
| Active Output Power Rating Maximum Configuration (W): | 300000 |
| Topology (ac): | Multi-Mode Double Conversion |
| Topology and Product Type Combined: | ac - Other |
| Application: | Data Center,Consumer,Commercial |
| Rated Input Voltage (V rms): | 480-480 |
| Rated Input Frequency (Hz): | 60-60 |
| Rated Output Voltage (V): | 480-480 |
| 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): | 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): | 301.89 |
| Total Input Power in W at 0% Load Min Config Highest Dependency (ac): | 171.99 |
| Efficiency at 25% Load Min Config Lowest Dependency (ac): | 96.7 |
| Efficiency at 25% Load Min Config Highest Dependency (ac): | 98.7 |
| Efficiency at 50% Load Min Config Lowest Dependency (ac): | 97.2 |
| Efficiency at 50% Load Min Config Highest Dependency (ac): | 99.2 |
| Efficiency at 75% Load Min Config Lowest Dependency (ac): | 97.1 |
| Efficiency at 75% Load Min Config Highest Dependency (ac): | 99.4 |
| Efficiency at 100% Load Min Config Lowest Dependency (ac): | 96.8 |
| Efficiency at 100% Load Min Config Highest Dependency (ac): | 99.4 |
| Weighted Efficiency Calc Min Config Lowest Dependency: | 97.1 |
| Weighted Efficiency Calc Min Config Highest Dependency: | 99.1 |
| Minimum Configuration Input Power Factor Highest-Input Dependency: | 0.99 |
| Total Input Power in W at 0% Load Max Config Lowest Dependency (ac): | 1182.0 |
| Total Input Power in W at 0% Load Max Config Highest Dependency (ac): | 475.61 |
| Efficiency at 25% Load Max Config Lowest Dependency (ac): | 97.0 |
| Efficiency at 25% Load Max Config Highest Dependency (ac): | 99.1 |
| Efficiency at 50% Load Max Config Lowest Dependency (ac): | 97.3 |
| Efficiency at 50% Load Max Config Highest Dependency (ac): | 99.4 |
| Efficiency at 75% Load Max Config Lowest Dependency (ac): | 97.1 |
| 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): | 99.3 |
| Weighted Efficiency Calc Max Config Lowest Dependency: | 97.2 |
| Weighted Efficiency Calc Max Config Highest Dependency: | 99.3 |

| | |
|--|---|
| Maximum Configuration Input Power Factor Lowest-Input Dependency: | 0.99 |
| Maximum Configuration Input Power Factor Highest-Input Dependency: | 0.99 |
| Efficiency (%): | 97.1 |
| Modular UPS Module Tested Model Number: | 56S(c3)(d4)J(f)N(h)(i)(j),56S(c3)(d4)X(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.): | 15 |
| Energy Storage System Runtime at 50% Load (min.): | 30 |
| 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: | 2024-11-08 |
| Markets: | United States, Canada |
| ENERGY STAR Certified: | Yes |

Additional Model Information

Liebert APM2 FR3 c3 Series,56S(c3)(d4)P(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)R(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)S(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)T(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)U(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)V(f)N(h)(i)(j),; Liebert APM2 FR3 c3 Series,56S(c3)(d4)W(f)N(h)(i)(j),

Captured On:
05/01/2025