



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

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

Specifications

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| ENERGY STAR Unique ID: | 3815209 |
| Brand Name: | Liebert |
| 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 |

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| 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 |

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| 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:
06/18/2025