



HOT SWAPPABLE POWER SUPPLY FOR SECURESYNC 2400

Operations in Critical Infrastructures rely more and more on assured and accurate time distribution. Power Supply is often the “single point of failure” for network appliances, as it faces power input variations, electrical shocks.

SecureSync 2400 overall reliability and turnaround time (in case of power supply failure), and therefore operational availability, are improved thanks to the redundant Hot Swappable Power Supply capability.

This optional feature consists of two redundant Hot Swap Power Supply bays, which can be inserted or extracted while the base unit is operating (one at a time). Several voltage configurations are available. It is possible to mix voltage configurations.




When both power supplies are active, the electrical draw is shared between the two bays (load balancing). If one power supply is damaged or removed, the other bay automatically takes the entire power load.

The overall status of HSPS bays can be monitored thanks to a rear panel LED, and on the main SecureSync web UI page. More detailed status is available through dedicated SecureSync web UI pages, through CLI commands, SNMP, and through the front panel OLED display. Minor and Major alarms are triggered in case of fault, or when some parameters are going beyond thresholds.

- Improved operational availability
- No service interrupt during Power Supply module exchange
- Convenient Power Module Swap
- Local and remote monitoring / alarming

Safran Electronics & Defense is with you every step of the way, building in the intelligence that gives you a critical advantage in observation, decision-making and guidance.

Technical Specifications

Part Number	2400-HS-A1	2400-HS-D1	2400-HS-D2
			
Dimensions	41 x 55 x 279 mm	41 x 55 x 279 mm	41 x 55 x 279 mm
Connector	IEC 60320.C14 (male)	2 pins MIL-C-5015 style, circular	3 pins MIL-C-5015 style, circular
Input Power	100-240 V AC 50-60 Hz, 2 A	12-17 VDC 10 A	21-60 VDC 5.5 A
Output Power (to SecureSync 2400)	12 VDC 8.33 A	12 VDC 8.33 A	12 VDC 8.33 A
Grounding Stud	Yes	Yes	Yes
Earth protection	Through input connector or grounding stud	Through grounding stud	Through input connector or grounding stud

Regulatory approvals

CE and UK mark, TUV, FCC

Ordering information

Part Number	Power Input
2400-HS-A1	100-240 VAC
2400-HS-D1	12 VDC
2400-HS-D2	24-48 VDC

Notes

- DC configurations include mating connector and cable clamp
- Hot Swap Power Supply modules are only compatible with SecureSync 2400 base units with Part Number including 240w-6yz (refer to SecureSync 2400 datasheet)

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