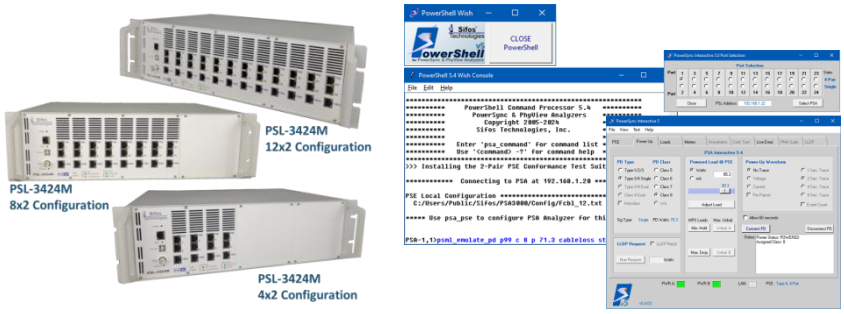
PSL-3424M vs Reach PoE5

Product Feature Comparison

The Sifos PSL-3424M and the Reach PoE5 are comparably priced, multi-port Programmable Loads for Power-over-Ethernet (PoE) exercising of PSE ports. Both products provide programmable PD emulation and power loading consistent with 802.3bt and 802.3at PoE standards. Below, Sifos provides comparative information relating both products.

Sifos PSL-3424M	Reach PoE5
	

Feature Comparison - Hardware

Feature / Characteristic	PSL-3424M	Reach PoE5
Maximum PSE Port Connections	24, 16, or 8	24* or 8*
PoE Power Loading Per Port	100W	100W
Maximum Concurrent PSE Port Loading	12, 8, or 4	24 or 8
Single Signature PD Emulations	Class 0-8	Class 0-8
Safety and Compliance Ratings	CSA, CE Mark, FCC	No Certifications
Power Supply	Embedded	External Brick
Management Interface	LAN (TCP/IP)	RS-232
PoE Decoupled Data Port supporting 10GBase-T	1 LAN Port per Powered PSE Port	Adjacent PoE Test Port*
Effective 10GBase-T Impairment (meters of Cat6A)	~7 M per port	~10 M per port
Fan Count	3, 2, or 1 for 24, 16, or 8 ports	9
Maximum Fan Noise / **Noise Above 1KHz**	~ 53dB / **29.3 dB**	~ 67.5dB / **47.3dB**
Fan Activation	Port Temperatures	Any Active Load turned ON
Test Port Surge / EFT Protection	±1KV	Not Specified

* Testing with data traffic generated per port restricts simultaneously powered ports to 12 or 4

Feature Comparison – Test Resources

Feature / Characteristic	PSL-3424M	Reach PoE5
Static Load Current	0 to 1.95A (950mA / pairset)	Unspec. to 2A (1A / pairset)
Programmable Inrush Load (mA) during Tinrush	0 to 1,950 mA	Fixed, ~100mA
Programmable Load Transients	0 to 1,950 mA, 6, 45, or 100 msec	None
DC Voltage and Current Measurements	Average, Min Peak, Max Peak over 100msec or 1 sec.	Average, no specified aperture
DC Voltage, DC Current, Transient Load Trigger	Immediate or Event (synchronized to load transients or across ports)	Immediate
DC Power Measurements	Average	Average

Feature Comparison - Software

Feature / Characteristic	PSL-3424M	Reach PoE5
Interactive Command Console and Interface Management Software	PowerShell PSA	None
High Level Utility Commands for Emulated PD Power-Ups, Flexible PD Emulation, Load Power Adjust, PSE Discovery, PD Connection Verification	PowerShell PSA	None
Automated Multi-Port PSE Inspection Test	Optional 'Quick Test'	None
Interactive Graphical User Interface Software	Optional 'PSA Interactive'	None
Periodic Software Updates	Free, No Contracts	Not Applicable

PSLMCMP062426

Copyright Sifos Technologies, 2026

Verification, Simplified.