



Sifos Technologies

Ethernet PHY and PoE Verification Solutions

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Announcing... A New Generation PSA-3000 for IEEE 802.3at Today, IEEE 802.3bt Tomorrow!

New PSA-3202 test blades and PSL-3202 load blades extend the PSA-3000 family into the future of industry standard 4-pair PSE testing. Plug compatible with today's PSA-3102's and PSL-3102's the PSA-3202's and PSL-3202's open the door to future 802.3bt testing requirements.



Sifos is pleased to introduce a new generation of test blades that are fully compatible with all existing PSA-3000 chassis-based systems while offering a clear growth path to IEEE 802.3bt PSE testing in the future. The PSA-3202 will replace PSA-3102 as the standard test blades for the PSA-3000 system and the PSL-3202 will replace the PSL-3102 as the standard load blade for the PSL-3000 programmable load. PSA software version 4.2, available now, supports interchangeable configurations of PSX-3202 and PSX-3102 in PSA-3000 systems.

PSA-3202 Key Features:

- Plug Replaceable Upgrade to Existing PSA-3000
 - 100% Software Compatible with PSA-3102 Blades
 - Supports Existing 802.3at PSE Conformance and Multi-Port Test Suites
- 4-Pair 802.3bt and Proprietary PSE Testing from Either Port 1 or Port 2
- Emulate Single Signature or Dual Signature PD's.
- Greater than 99 Watt Continuous 4-Pair Loading Per Blade
- Load Up to 12 4-Pair PSE Ports Concurrently
- Emulate All Type-3 and Type-4 Multi-Event Classification Signatures
- Emulate Autoclass Signaling and Maximum Load Event
- Coordinated or Independent Control of ALT-A and ALT-B Loads
 - Emulate Arbitrary Pair-Pair Load Unbalance
 - Emulate Disconnect and Overloads Per Pairset
- Emulate / Test 802.3at and Future 802.3bt PD LLDP Messaging
- Mix with Existing PSA-3102 Test Blades

PSL-3202 Key Features:

- Plug Replaceable Upgrade to Existing PSL-3000
 - 100% Software Compatible with PSL-3102 Blades
 - Supports Existing 802.3at PSE Multi-Port Suite & PSL Quick Test
 - Supports Existing PoE LLDP Protocol Traces
- 4-Pair 802.3bt and Proprietary PSE Loading from Either Port 1 or Port 2
- Emulate Single Signature or Dual Signature PD's
- Greater than 99 Watt Continuous 4-Pair Loading Per Blade
- Load Up to 12 4-Pair PSE Ports Concurrently
- Emulate All Type-3 and Type-4 Multi-Event Classification Signatures
- Emulate Autoclass Signaling and Maximum Load Event
- Coordinated or Independent Control of ALT-A and ALT-B Loads
 - Emulate Arbitrary Pair-Pair Load Unbalance
 - Emulate Disconnect and Overloads Per Pairset
- Emulate / Test 802.3at and Future 802.3bt PD LLDP Messaging
- Mix with Existing PSL-3102 Test Blades

The new PSA-3202 & PSL-3202 blades will also be offered in the 24-Port PowerSync Programmable Load, the PSL-3224, and a 48-Port RackPack PowerSync Analyzer, the PSA-3248. Both of these configurations offer lower-cost-per-port. Sifos has enhanced the PSA-3000 and PSL-3000 chassis' with improved cooling efficiency, USB console port, and IP reset control. The PSA-3202 is not yet supported in a Compact PSA (2-port) format

Shipments of PSA-3202 hardware will begin in August and will be followed by PSL-3202 hardware in September.

Quick Links

[Sifos Technologies Website](#)

[PSA-3000 Chassis Product Overview](#)

[PSA-3202 Test Card Product Overview](#)

[PSL-3000 Chassis Product Overview](#)

[PSL-3202 Test Card Product Overview](#)

[PSA-3000 vs. PSL-3000 Comparison Document](#)

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