

TEMPEST COMPLIANT POWER SUPPLY UNIT (PSU)

The HSL TEMPEST Compliant Power Supply Unit (PSU) is designed for use with High Sec Labs' range of TEMPEST-ready products, including KVM switches, isolators, and fiber extenders.



The PSU combines a shielded steel enclosure with a specialized EMI-reducing coating and an integrated IEC inlet filter engineered to minimize conducted and radiated electromagnetic emissions. The high-performance filter delivers exceptional attenuation characteristics to support stringent TEMPEST Level B testing requirements. Manufactured through a secure, TAA/BAA-compliant supply chain, the PSU provides a trusted and dependable power platform for deployment in government, defense, intelligence, and other high-assurance environments where electromagnetic security is critical.

KEY FEATURES

Shielded Steel Enclosure

- > Hardened metal chassis designed to contain electromagnetic leakage and reduce susceptibility to external interference.

IEC Inlet Filter

- > Integrated mains filter that suppresses noise propagation through the power line to help maintain electromagnetic integrity.

AC to DC Power Converter

- > Field-proven internal power architecture delivering stable output and long-term operational reliability across demanding deployments.

Trusted Manufacturing

- > Produced using vetted components and a controlled TAA/BAA-compliant supply chain to support trusted government and defense procurement.

SPECIFICATIONS

MODEL FEATURES	PS12VDC-T
P/N	CPN38102
POWER	
AC Input	100-240V, 50/60 Hz
DC Output	12V
Max Power Consumption	65W
PHYSICAL	
Dimensions	176.5x95x61mm / 6.95x3.74x2.4 in
ENVIRONMENTAL	
Operating Temperature	0°C to 50° C / 32°F to 122° F
Storage Temperature	-20°C to 60° C / -4°F to 140° F
Humidity	0%-80% RH, non-condensing
GENERAL INFORMATION	
Compliance	TEMPEST-Ready Architecture*
Manufacturing	TAA/BAA Compliant
Product Life Cycle	10 Years
Product Warranty	2 Years

*TEMPEST certification requires individual unit testing by a NATO authorized laboratory.

COMPATIBLE PRODUCTS

PN	MODEL	DESCRIPTION
CPN28126	SX42PHU-4T	Secure 4-Port Mini-Matrix
CPN28130	SX82PHU-4T	Secure 8-Port Mini-Matrix
CPN29752	DK42PHU-4T	Secure 4-Port Dual Head KVM
CPN31824	SK41PHU-4T	Secure 4-Port Single Head KVM
CPN28137	FV11PH-MT	Secure Video Isolator
CPN28136	F111PH-MT	Secure KVM Isolator
CPN28132	F1FE11PH-MT	Secure KVM Extender over Fiber
CPN28133	FVFE11PH-MT	Secure Video Extender over Fiber