

Power Supply Product

Rack Mount Hot Swap Power Supplies Now Available With Optional LAN Interface Modules

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TDK Corporation announces the introduction of LAN (Local Area Network) modules for the popular HFE series of 1600W and 2500W rack mounted, hot swap power supplies. These optional modules allow remote monitoring, status check and programming through a number of standard protocols, including SNMP (Simple Network Management Protocol) and VISA (Virtual Instrument Software Architecture). The LAN option is suitable for computer networking, telecommunications, test and measurement and industrial equipment.

The modules plug into any open slot on the standard HFE1600 or HFE2500 19" racks, measuring the same size as the HFE1600 or HFE2500 I²C / PMBus™ equipped power supplies. Removal or insertion of the modules can be made with the AC input applied (to the HFE rack housing, HFE1600-S1U or HFE2500-S1U) without causing any disruption to the power supply output voltage. The HFE1600-LAN and HFE2500-LAN can be used with any of the available HFE output voltages and can support up to two racks, or their individual power supplies.

A computer's web browser can be used to operate the modules through the built in webpage server. A Graphical User Interface (GUI) is built in to the web server and can be used to program or monitor the status of the power supplies. A password feature is provided to avoid unauthorized access.

The Ethernet RJ45 connection is on the front panel, along with a button to reset to default settings and status LEDs which can be made to flash to identify the LAN location. Network speed can be set manually or automatically to detect the fastest 10Base-T or 100Base-T network. IP address configuration can be manually set or automatically created.

The LAN modules are certified to IEC/EN/UL/CSA 60950-1 with CE marking for the Low Voltage and RoHS2 Directives.

More information can be obtained at the following TDK-Lambda Americas website, <http://www.us.tdk-lambda.com/lp/products/hfe-series.htm>, or by calling 800-LAMBDA-4. Product availability for the LAN modules can be found via the link to TDK-Lambda's distributor network (see "Check Distributor Stock to Buy") at <http://www.us.tdk-lambda.com/lp/>.

Major applications

Computer networking, telecommunications, test and measurement and industrial equipment

Main features and benefits

- Plugs into any open HFE1600 or HFE2500 power supply slot
- Hot swap capable with no disturbance to power supply outputs
- Built in web page server and GUI

Major specifications

Model		HFE1600-LAN	HFE2500-LAN
Function	-	Remotely program, measure or check power supply status	
Supported protocols	-	VISA drivers, Telnet, TCP, UDP sockets, VXI-Discovery, SNMP	
Safety	-	IEC/EN/UL 60950-1	
Size (L x W x H)	mm	252 x 85 x 40.8 mm	276 x 107 x 40.8 mm
Warranty	-	Three Years	

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio includes passive components, such as ceramic, aluminum electrolytic and film capacitors, ferrites and inductors, high-frequency products, and piezo and protection components, as well as sensors and sensor systems and power supplies. These products are marketed under the product brands TDK, EPCOS, Micronas, Tronics and TDK-Lambda. TDK's further main product groups include magnetic application products, energy devices, and flash memory application devices. TDK focuses on demanding markets in the areas of information and communication technology and automotive, industrial and consumer electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2017, TDK posted total sales of USD 10.5 billion and employed about 100,000 people worldwide.

About TDK-Lambda Corporation

TDK-Lambda Corporation, a group company of TDK Corporation, is a leading global power supply company providing highly reliable power supplies for industrial equipment worldwide. TDK-Lambda Corporation meets the various needs of customers with our entire range of activities, from research and development through to manufacturing, sales, and service with bases in five key areas, covering Japan, Europe, America, China, and Asia.

For more details, please pay a visit to <http://www.tdk-lambda.com/>

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