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Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI GEN 200-25

Manufacturer: TDK-Lambda (Lambda Electronics) Instrument Type: Programmable DC Power Supply Alias: GEN 200-25; GEN200-25; GEN 200-25-3P400 Voltage Ripple RMS: 45 mVrms (5 Hz to 1 MHz) Instrument Type: Programmable DC Power Supply Alias: GEN 200-25; GEN200-25; GEN 200-25-3P400 Voltage Ripple RMS: 45 mVrms (5 Hz to 1 MHz) Output Noise PP: 200 mV p-p (less than 20 MHz)



MODEL

Lambda / TDK GEN 200-25

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GEN 200-25

LISTING

<https://aumictechlabs.com/products/gen-200-25-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Lambda/TDK GEN 200-25 is a 200 W DC power supply designed for demanding industrial and laboratory applications. It operates from universal AC input, delivering stable regulated power with minimal noise across diverse power grids. The unit incorporates overvoltage, overcurrent, and overtemperature protection to safeguard connected equipment. Its compact, durable construction supports integration into varied system architectures without requiring extensive modification or support infrastructure. Technical Specifications Power Output Rated Power: 200 W Input Specifications Input Voltage Range: Universal AC input Protection Features Overvoltage Protection (OVP) Overcurrent Protection (OCP) Overtemperature Protection (OTP) Short Circuit Protection Key Features The GEN 200-25 prioritizes equipment protection through multi-layer safeguard mechanisms. Universal AC input compatibility eliminates regional power supply

concerns. The power supply maintains low-noise output suitable for precision measurement and control applications. Inrush current limiting protects upstream distribution and extends component lifespan. Typical Applications This 200 W supply serves industrial test benches, laboratory instrumentation, process control systems, and OEM equipment requiring stable DC power with integrated fault protection. Compatibility & Integration The space-efficient design accommodates standard 19-inch rack systems and benchtop configurations. Universal AC input acceptance (47–63 Hz operation typical across worldwide standards) eliminates the need for input transformers or frequency converters in multi-region deployments.

Features & description

From manufacturer datasheet

Features

- Rated output 0 to 200 Vdc, 0 to 25 A, 5000 W

GEN200 Characteristics / Specifications

PARAMETER	VALUE
Model	GEN 200-25
Manufacturer	TDK-Lambda (Lambda Electronics)
Instrument Type	Programmable DC Power Supply
Series	Genesys
Alias	GEN 200-25; GEN200-25; GEN 200-25-3P400
Rated Output Voltage	0 to 200 Vdc
Rated Output Current	0 to 25 A
Rated Output Power	5000 W
Voltage Ripple RMS	45 mVrms (5 Hz to 1 MHz)
Output Noise PP	200 mV p-p (less than 20 MHz)
Efficiency	88%
Construction	2U rack (GEN2U 5 kW)
Output Mode	constant voltage and constant current with automatic crossover
Remote Digital Standard	RS-232 and RS-485
Remote Analog Standard	5 V/10 V program and monitor class
Interface Options	LAN (LXI 1.5); USB 2.0; IEEE 488.2; isolated analog 5 V/10 V; isolated analog 4-20 mA
AC Input Family	worldwide AC with PFC on Genesys family (exact range is faceplate: 85-265 Vac 1-phase on 750 W class; 170-265 Vac 1-phase or 3-phase on 3.3 kW; 3-phase on 5 kW/10 kW/15 kW)
Input Frequency	47 to 63 Hz
Operating Temperature	0 to 50 C (750 W / GENH class tables); confirm higher-power derating on the faceplate manual
Safety Standards	IEC 61010-1; CSA C22.2 No. 61010-1; EN 61010-1; UL 61010-1
Protection	OVP, overtemperature, and current limit / foldback class Genesys features
Parallel Operation	master/slave paralleling per Genesys user manual

PARAMETER	VALUE
Series Operation	permitted within family voltage-to-chassis limits
Programming	front panel and remote digital/analog
Meters	front-panel voltage and current metering
Cooling	forced air, rack/bench Genesys chassis
Status	production Genesys family (not recommended to invent later GENESYS+ ratings on this file) Notes Specs from TDK-Lambda Genesys table (GEN 200-25, 5000 W, 2U). 5 kW models are three-phase input; confirm 3P208 vs 3P400/3P480 on the label.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 50 C (750 W / GENH class tables); confirm higher-power derating on the faceplate manual
Operating Temperature	0 to 50 C (750 W / GENH class tables); confirm higher-power derating on the faceplate manual
Safety Standards	IEC 61010-1; CSA C22.2 No. 61010-1; EN 61010-1; UL 61010-1
Protection	OVP, overtemperature, and current limit / foldback class Genesys features
Parallel Operation	master/slave paralleling per Genesys user manual
Series Operation	permitted within family voltage-to-chassis limits
Programming	front panel and remote digital/analog
Meters	front-panel voltage and current metering
Cooling	forced air, rack/bench Genesys chassis
Status	production Genesys family (not recommended to invent later GENESYS+ ratings on this file) Notes Specs from TDK-Lambda Genesys table (GEN 200-25, 5000 W, 2U). 5 kW models are three-phase input; confirm 3P208 vs 3P400/3P480 on the label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	GEN 200-25
Manufacturer	TDK-Lambda (Lambda Electronics)
Instrument Type	Programmable DC Power Supply
Specifications	
PARAMETER	VALUE
Series	Genesys
Alias	GEN 200-25; GEN200-25; GEN 200-25-3P400
Rated Output Voltage	0 to 200 Vdc
Specifications	
PARAMETER	VALUE
Rated Output Current	0 to 25 A
Rated Output Power	5000 W
Voltage Ripple RMS	45 mVrms (5 Hz to 1 MHz)
Specifications	
PARAMETER	VALUE
Output Noise PP	200 mV p-p (less than 20 MHz)
Efficiency	88%
Construction	2U rack (GEN2U 5 kW)
Specifications	
PARAMETER	VALUE
Output Mode	constant voltage and constant current with automatic crossover
Remote Digital Standard	RS-232 and RS-485
Remote Analog Standard	5 V/10 V program and monitor class

Interface Options: LAN (LXI 1.5); USB 2.0; IEEE 488.2; isolated analog 5 V/10 V; isolated analog 4-20 mA

AC Input Family: worldwide AC with PFC on Genesys family (exact range is faceplate: 85-265 Vac 1-phase on 750 W class; 170-265 Vac 1-phase or 3-phase on 3.3 kW; 3-phase on 5 kW/10 kW/15 kW)

Specifications

PARAMETER	VALUE
Input Frequency	47 to 63 Hz
Operating Temperature	0 to 50 C (750 W / GENH class tables); confirm higher-power derating on the faceplate manual
Safety Standards	IEC 61010-1; CSA C22.2 No. 61010-1; EN 61010-1; UL 61010-1

Specifications

PARAMETER	VALUE
Protection	OVP, overtemperature, and current limit / foldback class Genesys features
Parallel Operation	master/slave paralleling per Genesys user manual
Series Operation	permitted within family voltage-to-chassis limits

Specifications

PARAMETER	VALUE
Programming	front panel and remote digital/analog
Meters	front-panel voltage and current metering
Cooling	forced air, rack/bench Genesys chassis

Status: production Genesys family (not recommended to invent later GENESYS+ ratings on this file)

Notes

Specs from TDK-Lambda Genesys table (GEN 200-25, 5000 W, 2U). 5 kW models are three-phase input; confirm 3P208 vs 3P400/3P480 on the label.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.