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Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI EMHP10-1500

Aumictech offers NIST-traceable calibration and repair for the Lambda / TDK EMHP10-1500. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Lambda / TDK EMHP10-1500 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Lambda / TDK EMHP10-1500 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

**MODEL****Lambda / TDK
EMHP10-1500****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****EMHP10-1500****LISTING**<https://aumictechlabs.com/products/emhp10-1500-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Lambda/TDK EMI EMHP10-1500 is a solid power supply engineered for optimal performance in challenging electromagnetic environments. This unit has stable and clean power, minimizing interference with nearby electronic devices. Its advanced design ensures high efficiency and reliability, making it suitable for critical applications where consistent power delivery is essential.

Features & description

From manufacturer datasheet

Features

- 0 to 10 V, 0 to 1500 A, 30 kW class

EMHP101500 Characteristics / Specifications

PARAMETER	VALUE
Model	EMHP10-1500
Manufacturer	Lambda EMI / TDK-Lambda Americas
Instrument Type	High Power SCR DC Power Supply
Series	EMHP
Alias	EMHP10-1500; EMI EMHP10-1500; TDK-Lambda EMHP10-1500
Rated Output Voltage	0 to 10 Vdc
Rated Output Current	0 to 1500 A
Rated Power	30 kW maximum class
Output Ripple RMS	50 mVrms (60 Hz ripple column)
Frame Class	Size 2 up to 30 kW
Topology	SCR phase control on transformer primary; rectified and L/C filtered DC
Output Mode	constant voltage / constant current automatic crossover
Regulation	0.1% line and load (within ratings)
Stability	0.05% for 8 hours with constant external effects
Transient	recover to within 1% of final value within 200 ms for 50-100% load class (EMHP datasheet)
Operating Temperature	0 to 50 C; derate above 50 C
AC Input Standard	440/480 Vac three phase 60 Hz; optional inputs available
Softstart	AC inrush softstart
Cooling	forced air
Protection	overvoltage, overtemperature, overcurrent
Remote Program	resistance, voltage, and current programming standard
Analog Optional	0-5 V and 0-10 V
Digital Optional	RS-232 and IEEE-488
Meters	analog or digital meter packages (D suffix commonly digital/analog meter type)

PARAMETER	VALUE
Mechanical Size	34.625 inHx 27.5 inWx 29.25 in D, 750-900 lb (30 kW class)
Interlock	contactor on/off interlock control
RFI	built-in RFI protection
Agency	not recommended for new designs; TDK points to Genesys / GENESYS+ Notes Specs from TDK-Lambda EMHP series table and EMHP datasheet (regulation 0.1%, stability 0.05%, 440/480 Vac 3-ph 60 Hz). Confirm meter type D, AC input option, and special program suffix (example 41212) on the nameplate.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 50 C; derate above 50 C
Operating Temperature	0 to 50 C; derate above 50 C
AC Input Standard	440/480 Vac three phase 60 Hz; optional inputs available
Softstart	AC inrush softstart
Cooling	forced air
Protection	overvoltage, overtemperature, overcurrent
Remote Program	resistance, voltage, and current programming standard
Analog Optional	0-5 V and 0-10 V
Digital Optional	RS-232 and IEEE-488
Meters	analog or digital meter packages (D suffix commonly digital/analog meter type)
Mechanical Size	34.625 inHx 27.5 inWx 29.25 in D, 750-900 lb (30 kW class)
Interlock	contactor on/off interlock control
RFI	built-in RFI protection
Agency	not recommended for new designs; TDK points to Genesys / GENESYS+ Notes Specs from TDK-Lambda EMHP series table and EMHP datasheet (regulation 0.1%, stability 0.05%, 440/480 Vac 3-ph 60 Hz). Confirm meter type D, AC input option, and special program suffix (example 41212) on the nameplate.

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	EMHP10-1500
Manufacturer	Lambda EMI / TDK-Lambda Americas
Instrument Type	High Power SCR DC Power Supply
Specifications	
PARAMETER	VALUE
Series	EMHP
Alias	EMHP10-1500; EMI EMHP10-1500; TDK-Lambda EMHP10-1500
Rated Output Voltage	0 to 10 Vdc
Specifications	
PARAMETER	VALUE
Rated Output Current	0 to 1500 A
Rated Power	30 kW maximum class
Output Ripple RMS	50 mVrms (60 Hz ripple column)
Specifications	
PARAMETER	VALUE
Frame Class	Size 2 up to 30 kW
Topology	SCR phase control on transformer primary; rectified and L/C filtered DC
Output Mode	constant voltage / constant current automatic crossover
Specifications	
PARAMETER	VALUE
Regulation	0.1% line and load (within ratings)
Stability	0.05% for 8 hours with constant external effects

PARAMETER	VALUE
Transient	recover to within 1% of final value within 200 ms for 50-100% load class (EMHP datasheet)

Specifications

PARAMETER	VALUE
Operating Temperature	0 to 50 C; derate above 50 C
AC Input Standard	440/480 Vac three phase 60 Hz; optional inputs available
Softstart	AC inrush softstart

Specifications

PARAMETER	VALUE
Cooling	forced air
Protection	overvoltage, overtemperature, overcurrent
Remote Program	resistance, voltage, and current programming standard

Specifications

PARAMETER	VALUE
Analog Optional	0-5 V and 0-10 V
Digital Optional	RS-232 and IEEE-488
Meters	analog or digital meter packages (D suffix commonly digital/analog meter type)

Specifications

PARAMETER	VALUE
Mechanical Size 1	30 inHx 22.25 inWx 27.75 in D, 500-750 lb (20 kW class)
Mechanical Size 2	34.625 inHx 27.5 inWx 29.25 in D, 750-900 lb (30 kW class)
Mechanical Size 3	44.5 inHx 27.5 inWx 33.25 in D, 1000-1500 lb (60 kW class)

Specifications

PARAMETER	VALUE
Interlock	contactor on/off interlock control
RFI	built-in RFI protection
Agency	not recommended for new designs; TDK points to Genesys / GENESYS+

Notes

Specs from TDK-Lambda EMHP series table and EMHP datasheet (regulation 0.1%, stability 0.05%, 440/480 Vac 3-ph 60 Hz). Confirm meter type D, AC input option, and special program suffix (example 41212) on the

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.