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**Data Sheet**

August 13, 2026

LAMBDA / TDK

## Lambda / TDK / EMI EMS13-75-1-D

The Lambda/TDK EMI EMS13-75-1-D is a solid and reliable power supply designed for various industrial applications. It features a wide input voltage range, overload protection, and a compact design for easy integration. This power supply ensures stable and efficient power delivery, making it suitable for demanding environments.



MODEL

**Lambda / TDK  
EMS13-75-1-D**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**EMS13-75-1-D**

LISTING

<https://aumictechlabs.com/products/ems13-75-1-d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

### This unit

The Lambda/TDK EMI EMS13-75-1-D power supply is engineered to provide consistent performance in challenging conditions. With its overload and short-circuit protection, it guarantees the safety and longevity of connected devices. Its compact size and screw terminal connections simplify installation, while its high efficiency minimizes energy waste and reduces heat generation. automation, telecommunications, and other industrial settings.

## Features & description

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From manufacturer datasheet

### Features

- 0 to 13 V, 0 to 75 A, 975 W class

## EMS13751D Characteristics / Specifications

| PARAMETER            | VALUE                                                      |
|----------------------|------------------------------------------------------------|
| Model                | EMS13-75-1-D                                               |
| Manufacturer         | Lambda EMI / TDK-Lambda Americas                           |
| Instrument Type      | Switch Mode Programmable DC Power Supply                   |
| Series               | EMS                                                        |
| Alias                | EMS13-75-1-D; EMS 13-75; EMI EMS13-75; TDK-Lambda EMS13-75 |
| Rated Output Voltage | 0 to 13 Vdc                                                |
| Rated Output Current | 0 to 75 A                                                  |
| Rated Output Power   | 975 W class (13 V x 75 A)                                  |
| Output Mode          | constant voltage / constant current automatic crossover    |
| Topology             | high-frequency switch-mode EMS family                      |
| Voltage Adjust       | true zero voltage and current adjustability (EMS family)   |
| Transient Response   | 650 us class (EMS family literature)                       |
| Remote Analog        | standard analog programming                                |
| Digital Option       | RSTL RS-232 / IEEE-488 programmer                          |
| Catalog 10T          | 10-turn current control                                    |
| Catalog LB           | lock bushing                                               |
| Catalog TC           | output terminal covers                                     |
| Catalog CE           | CE mark path on selected AC inputs                         |
| Series Parallel      | series or parallel master-slave operation                  |
| Soft Start           | yes                                                        |
| Protection           | overcurrent and overvoltage                                |
| Form                 | rackmount                                                  |
| Programming Common   | analog programming common with TCR, EMHP, and ESS series   |
| UL Note              | U/L recognized on EMS family sheets                        |
| Regulation Family    | 0.1% class EMS literature                                  |

| PARAMETER        | VALUE                                                                                                                                                                                                                                                |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suffix 1 D       | EMS option/meter/input coding; D commonly denotes digital/analog meter package                                                                                                                                                                       |
| Neighbor EMS13 1 | 0-13 V, 0-150 A, 1950 W                                                                                                                                                                                                                              |
| Neighbor EMS13 2 | 0-13 V, 0-200 A (EMS 13-200-2-D) Notes Specs from TDK/EMI EMS model decoder (13 V, 75 A, 975 W class) and EMS family datasheet features. Verified 13 V neighbors are EMS13-150 and EMS 13-200-2-D. Confirm AC input phase and RSTL 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                | EMS13-75-1-D                                               |
| Manufacturer         | Lambda EMI / TDK-Lambda Americas                           |
| Instrument Type      | Switch Mode Programmable DC Power Supply                   |
| Specifications       |                                                            |
| PARAMETER            | VALUE                                                      |
| Series               | EMS                                                        |
| Alias                | EMS13-75-1-D; EMS 13-75; EMI EMS13-75; TDK-Lambda EMS13-75 |
| Rated Output Voltage | 0 to 13 Vdc                                                |
| Specifications       |                                                            |
| PARAMETER            | VALUE                                                      |
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| Rated Output Power   | 975 W class (13 V x 75 A)                                  |
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| Remote Analog        | standard analog programming                                |
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| Catalog 10T          | 10-turn current control                                    |

### Specifications

| PARAMETER  | VALUE                              |
|------------|------------------------------------|
| Catalog LB | lock bushing                       |
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### Specifications

| PARAMETER       | VALUE                                     |
|-----------------|-------------------------------------------|
| Series Parallel | series or parallel master-slave operation |
| Soft Start      | yes                                       |
| Protection      | overcurrent and overvoltage               |

### Specifications

| PARAMETER          | VALUE                                                    |
|--------------------|----------------------------------------------------------|
| Form               | rackmount                                                |
| Programming Common | analog programming common with TCR, EMHP, and ESS series |
| UL Note            | U/L recognized on EMS family sheets                      |

### Specifications

| PARAMETER          | VALUE                                                                          |
|--------------------|--------------------------------------------------------------------------------|
| Regulation Family  | 0.1% class EMS literature                                                      |
| Suffix 1 D         | EMS option/meter/input coding; D commonly denotes digital/analog meter package |
| Neighbor EMS13 150 | 0-13 V, 0-150 A, 1950 W                                                        |

Neighbor EMS13 200: 0-13 V, 0-200 A (EMS 13-200-2-D)

#### Notes

Specs from TDK/EMI EMS model decoder (13 V, 75 A, 975 W class) and EMS family datasheet features. Verified 13 V neighbors are EMS13-150 and EMS 13-200-2-D. Confirm AC input phase and RSTL on the nameplate.

### Available from Aumictech

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

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

#### Aumictech

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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·  
30-day returns  
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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.