

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEPCO

Kepeco ATE36-8M

Kepeco DC Power Supplies. Voltage: 0–36 VDC, Current: 0–8 A, Current: mode recovery.



MODEL

Kepeco ATE36-8M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ATE36-8M

LISTING

<https://aumictechlabs.com/products/ate36-8m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kepeco ATE36-8M is a precision analog-controlled linear DC power supply engineered for laboratory and industrial test applications demanding stable, programmable output. Delivering 36 VDC at 8 A (250 W maximum), this unit combines remote programming capability with 10-turn panel potentiometers for high-resolution voltage and current adjustment. Automatic crossover between voltage and current regulation modes, coupled with user-selectable fast/slow operating modes, enables rapid response to dynamic load conditions or stable constant-voltage operation as required. Technical Specifications Output voltage: 0–36 VDC Output current: 0–8 A Maximum power: 250 W Output impedance: 90 $\mu\Omega$ (voltage mode), 72 k Ω (current mode) Output inductance: 1 μH Output capacitance: 2,400 μF Input voltage (ATE36-8DM): 95–250 VAC Key Features Voltage and current stabilization with automatic mode crossover Remote programming with external signal source compatibility 10-turn precision potentiometers for voltage and current control User-selectable capacitorless output mode for fast analog programming and rapid current-mode recovery Factory-set slow mode (constant voltage); fast mode available for transient load response Two-terminal resistance programming inputs and crowbar level control

via external sources Class 1 safety classification per EN61010-1:1993 and EEC directives 73/23/EEC (LVD) and 93/68/EEC (CE mark) Typical Applications Automated test systems, component characterization, power circuit validation, and load simulation requiring precise DC voltage and current sourcing with programmable output control. Compatibility & Integration The ATE36-8DM variant supports rack-mount configurations. Mains voltage is factory-configured per the rear panel rating plate; reconfiguration requires trained service technician modification. External current comparison amplifier integration supported for illumination control applications.

Features & description

From manufacturer datasheet

Features

- Half-rack 250 W ATE 36 V / 8 A
- Programmable voltage and current
- Optional fast mode
- Optically isolated mode flag
- Analog meters (M); DM digital, G GPIB, DMG digital plus GPIB variants exist in the ATE family

ATE368M Characteristics / Specifications

PARAMETER	VALUE
Model	ATE 36-8M
Manufacturer	Kepeco Inc
Instrument Type	Precision linear programmable DC power supply
Series	ATE
Alias	ATE36-8M; ATE 36-8M; ATE 36-8
Rated Output Voltage	0 to 36 Vdc
Rated Output Current	0 to 8 A
Rated Power	250 W class (half rack ATE table)
Package	half rack
Voltage Mode Series L	1 uH
Voltage Mode Series R	90 uohm
Current Mode Shunt C	2400 uF class
Current Mode Shunt extra C	1 uF
Current Mode Shunt L	10 uH
Current Mode Shunt R	72 kohm
Stabilizer	automatic crossover voltage/current
Source Effect Voltage Typ	less than 0.0005 percent of Eo max
Load Effect Voltage Typ	less than 0.001 percent of Eo max
Time Drift 8 Hour Typ	less than 0.005 percent of Eo max
Ripple Slow RMS	less than 0.1 mV typical
Ripple Slow PP	less than 1 mV typical
Ripple Fast RMS	less than 1 mV typical
Local Voltage Control	10 turn rheostat
Local Current Control	10 turn rheostat
Meters	analog (M)

PARAMETER	VALUE
Remote Analog	both voltage and current channels
Fast Mode	optional user selectable
Mode Flag	optically isolated TTL
Error Sense	0.5 V per load wire
Isolation	500 Vdc class
OVP	built-in programmable overvoltage protection
Related 15 A	ATE 36-15M three-quarter rack 500 W
Related 30 A	ATE 36-30M full rack 1000 W
Related JQE	JQE 36-8M (voltage stabilizer, current local only)
Agency	CE LVD and EMC ATE family

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	ATE 36-8M
Manufacturer	Kepco Inc
Instrument Type	Precision linear programmable DC power supply
Series	ATE
Alias	ATE36-8M; ATE 36-8M; ATE 36-8
Rated Output Voltage	0 to 36 Vdc
Rated Output Current	0 to 8 A
Rated Power	250 W class (half rack ATE table)
Package	half rack
Voltage Mode Series L	1 uH
Voltage Mode Series R	90 uohm
Current Mode Shunt C	2400 uF class
Current Mode Shunt extra C	1 uF
Current Mode Shunt L	10 uH
Current Mode Shunt R	72 kohm
Stabilizer	automatic crossover voltage/current
Source Effect Voltage Typ	less than 0.0005 percent of Eo max
Load Effect Voltage Typ	less than 0.001 percent of Eo max
Time Drift 8 Hour Typ	less than 0.005 percent of Eo max
Ripple Slow RMS	less than 0.1 mV typical
Ripple Slow PP	less than 1 mV typical
Ripple Fast RMS	less than 1 mV typical
Local Voltage Control	10 turn rheostat
Local Current Control	10 turn rheostat
Meters	analog (M)
Remote Analog	both voltage and current channels

PARAMETER	VALUE
Fast Mode	optional user selectable
Mode Flag	optically isolated TTL
Error Sense	0.5 V per load wire
Isolation	500 Vdc class
OVP	built-in programmable overvoltage protection
Related 15 A	ATE 36-15M three-quarter rack 500 W
Related 30 A	ATE 36-30M full rack 1000 W
Related JQE	JQE 36-8M (voltage stabilizer, current local only)
Agency	CE LVD and EMC ATE family

Notes
Specs from Kepco ATE half-rack table (ATE 36-8M: 0-36 V, 0-8 A, 1 uH, 90 uohm) and ATE static specifications.
ConfirmMversus DM/G/DMG suffix on the faceplate.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

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