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Data Sheet

August 13, 2026

KEPCO

Kepco ATE15

Programmable voltage and current (unlike JQE current-local-only) Optional fast mode active up/down programming Instrument Type: Precision linear programmable DC power supply 15 V family Alias: ATE15; ATE 15; ATE 15-50M; ATE 15-15M Optional fast mode active up/down programming Instrument Type: Precision linear programmable DC power supply 15 V family Alias: ATE15; ATE 15; ATE 15-50M; ATE 15-15M ATE 15 50 A Full Rack: 0 to 50 A; series L 0.5 uH; series R 6 uohm; shunt C 6 uF class; 1000 W SizeE Package Options: quarter, half, three quarter, full rack ATE sizesAthroughE Stabilizer: automatic crossover voltage/current



MODEL

Kepco ATE15

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ATE15

LISTING

<https://aumictechlabs.com/products/ate15-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepco ATE15-15DM is a 250-watt linear programmable DC power supply in half-rack form factor, engineered for benchtop and system integration applications requiring precision analog control. It delivers 0 to 15 VDC and 0 to 15 ADC with automatic voltage/current mode crossover, exceptional output stability, and remote programming capability. Technical Specifications Output Performance DC Output: 0–15 VDC, 0–15 ADC Output Impedance (Voltage Mode): 20 $\mu\Omega$ (slow), 0.5 μH (fast), 5 μH (slow) Output Impedance (Current Mode): 30 k Ω (slow), 5,800 μF (fast), 2 μF (fast) Line Regulation: Better than 0.0005% E_0 max. Load Regulation: Better than 0.01% E_0 max. Ripple and Noise (rms): < 0.1 mV Ripple and Noise (peak-to-peak, 20 Hz–10 MHz BW): < 1 mV Programming Response Time: 15 μsec (voltage and current) Programming Bandwidth: 10.6 kHz

(voltage and current) Key Features Equally controllable voltage and current outputs with automatic mode crossover 10-turn panel-mounted rheostats for local voltage and current adjustment 0–10 V analog remote programming input Digital LCD display for output monitoring Programmable overvoltage protection (OVP) via manual setting or 0–10 V analog signal User-selectable capacitorless output for fast analog programming or rapid current-mode recovery Mode-status LEDs indicating voltage or current operation Optically isolated I/O for multi-supply interconnection Two uncommitted amplifiers for signal conditioning Multi-terminal user port configured via jumper plug (PC-12) Optional fast mode for accelerated programming response Integrated overvoltage and overcurrent protection Typical Applications Demanding electronic testing, component characterization, system power distribution, and laboratory benchtop scenarios where low-noise, precision voltage and current sourcing are required. Compatibility & Integration Optical isolation supports parallel or cascaded operation. Analog programming interface enables integration with external control systems. Uncommitted amplifiers facilitate custom signal processing and control logic implementation.

ATE15 Characteristics / Specifications

PARAMETER	VALUE
Model	ATE 15
Manufacturer	Kepco Inc
Instrument Type	Precision linear programmable DC power supply 15 V family
Series	ATE
Alias	ATE15; ATE 15; ATE 15-50M; ATE 15-15M
Rated Output Voltage	0 to 15 Vdc
ATE 15 50 A Full Rack	0 to 50 A; series L 0.5 uH; series R 6 uohm; shunt C 6 uF class; 1000 W SizeE Package Options: quarter, half, three quarter, full rack ATE sizesAthroughE 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
Temperature Coefficient Typ	less than 0.005 percent of Eo perC Ripple Slow RMS: less than 0.1 mV typical (0.3 mV max)
Ripple Slow PP	less than 1 mV typical (3 mV max)
Ripple Fast RMS	less than 1 mV typical (3 mV max)
Local Voltage Control	10 turn rheostat
Local Current Control	10 turn rheostat
Remote Analog	voltage or resistance programming both channels
Fast Mode	optional active up and down programming
Mode Flag	optically isolated TTL
Meters	analogMor digital DM; GPIB on DMG
Isolation	500 Vdc class output to ground
Error Sense	0.5 V per load wire
Operating Temperature Current	0 to 50 C class at rating (ATE table)
Related JQE	JQE 15 family voltage stabilizer without programmable current Notes Specs from Kepco ATE model table 15 V / ATE 15-50M row and ATE

PARAMETER

VALUE

static specifications. Confirm the current suffix (3, 6, 15, 25, or 50 A) and M/DM/DMG on the faceplate.

Operating temperature

Current: 0 to 50 C class at rating (ATE table)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Current: 0 to 50 C class at rating (ATE table)
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Related JQE	JQE 15 family voltage stabilizer without programmable current Notes Specs from Kepco ATE model table 15 V / ATE 15-50M row and ATE static specifications. Confirm the current suffix (3, 6, 15, 25, or 50 A) and M/DM/DMG on the faceplate.

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	
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Manufacturer	Kepco Inc
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Specifications	
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Series	ATE
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Local Voltage Control	10 turn rheostat

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Local Current Control	10 turn rheostat
Remote Analog	voltage or resistance programming both channels

Specifications

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Fast Mode	optional active up and down programming
Mode Flag	optically isolated TTL
Meters	analogMor digital DM; GPIB on DMG

Specifications

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Isolation	500 Vdc class output to ground
Error Sense	0.5 V per load wire
Operating Temperature Current	0 to 50 C class at rating (ATE table)

Related JQE: JQE 15 family voltage stabilizer without programmable current

Notes

Specs from Kepco ATE model table 15 V / ATE 15-50M row and ATE static specifications. Confirm the current suffix (3, 6, 15, 25, or 50 A) and M/DM/DMG 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

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NIST-traceable calibration · SAM registered ·
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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.