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Data Sheet

August 13, 2026

KEPCO

Kepco JQE36

Current not remotely programmable on standard JQE (use ATE) Optional Locking screwdriver voltage controls Instrument Type: Linear programmable DC power supply 36 V family Alias: JQE36; JQE 36; JQE 36-3M; JQE 36-8M; JQE 36-15M; JQE 36-30M Optional Locking screwdriver voltage controls Instrument Type: Linear programmable DC power supply 36 V family Alias: JQE36; JQE 36; JQE 36-3M; JQE 36-8M; JQE 36-15M; JQE 36-30M JQE 36 3 A: 0 to 3 A; series R 600 uohm; series L 1 uH; shunt R 165 kohm; shunt C 400 uF; 2.2 A in at 125 Vac; quarter rack



MODEL

Kepco JQE36

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

JQE36

LISTING

<https://aumictechlabs.com/products/jqe36-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepco JQE36 is a linear, precision-regulated DC power supply engineered for laboratory and industrial applications demanding stable, adjustable voltage and current outputs. Built on all-silicon, conservatively rated components, the JQE36 delivers exceptional reliability across quarter-rack, half-rack, and full-rack configurations, with power ratings from 100 W to 1000 W depending on model selection. Technical Specifications Input & Output Input: 115/230 VAC, 47–65 Hz Output: 0–36 V DC Output current: 3 A, 8 A, 15 A, or 30 A (model-dependent) Power ratings: 100 W (JQE36-3M), 250 W (JQE36-8M), 540 VA (JQE36-15), scaled to 1000 W (full-rack) Regulation: $\pm 0.01\%$ line and load Topology: Linear, full dissipation series-regulator (NPN) Control & Metering Multi-turn front panel potentiometers for voltage and current adjustment Current limit

control: 10%–105% of rated output current Dual-range panel meters (10% or 100% full scale) on 'M' suffix models Digital meters available on DM variants Programmable output with external control via potentiometer (1 k Ω) or voltage (0–1 mA) Key Features CV/CC operation - constant voltage and constant current modes Fully programmable for automated test and control systems Analog or digital metering options for different application requirements Low output impedance in both voltage and current modes Rear binding post connections for solid circuit integration Readily convertible to external current control with sensing resistor and control circuit Typical Applications Precision laboratory power sourcing and voltage regulation Industrial equipment testing and validation Systems requiring programmable or remote voltage/current control Applications demanding stable regulation under varying load conditions Compatibility & Integration Fully programmable architecture supports both analog and digital control interfaces. Scalable from quarter-rack to full-rack form factors accommodates diverse integration scenarios, from benchtop to rack-mounted industrial installations.

JQE36 Characteristics / Specifications

PARAMETER	VALUE
Model	JQE 36
Manufacturer	Kepco Inc
Instrument Type	Linear programmable DC power supply 36 V family
Series	JQE
Alias	JQE36; JQE 36; JQE 36-3M; JQE 36-8M; JQE 36-15M; JQE 36-30M
Rated Output Voltage	0 to 36 Vdc
JQE 36 3 A	0 to 3 A; series R 600 uohm; series L 1 uH; shunt R 165 kohm; shunt C 400 uF; 2.2 A in at 125 Vac; quarter rack
JQE 36 8 A	0 to 8 A; series R 225 uohm; series L 0.5 uH; shunt R 62.5 kohm; shunt C 1.4 k uF; 6.0 A in; half rack
JQE 36 15 A	0 to 15 A; series R 120 uohm; series L 0.5 uH; shunt R 33 kohm; shunt C 3.6 k uF; 9.5 A in; half rack
JQE 36 30 A	0 to 30 A; series R 60 uohm; series L 0.5 uH; shunt R 16 kohm; shunt C 11 k uF; 19.0 A in; full rack
Topology	series pass transistor voltage stabilizer with current limiting
AC Voltage	105 to 125 or 210 to 250 Vac user selectable
AC Frequency	47 to 65 Hz
Source Effect Voltage	less than 0.0005 percent
Load Effect Voltage	less than 0.005 percent no load to full load
Ripple RMS	less than 0.2 mV
Ripple PP	less than 1.0 mV (20 Hz to 10 MHz)
Time Drift Voltage	less than 0.01 percent class 8 hour
Temperature Coefficient Voltage	less than 0.01 percent perC Isolation: 500 Vdc or peak output to ground
Leakage RMS	less than 5 uA rms at 115 Vac
Local Voltage Control	10 turn precision rheostat
Remote Analog Voltage	1000 ohm per volt or 0 to 1 mA

PARAMETER	VALUE
Operating Temperature Current	0 to 71 C at 0 to 100 percent of rating Notes Specs from Kepco JQE model table and JQE general specifications. Confirm the current suffix (3, 8, 15, or 30 A) andMversus DM meters on the faceplate.
Operating temperature	Current: 0 to 71 C at 0 to 100 percent of rating

JQE36 Specifications

PARAMETER	VALUE
Kepeco JQE 36 Linear DC Power Supply 0 to 36 V Family	Overview
Applications	Quiet 36 V linear lab and systems DC
Key Features	Four published 36 V current ratings in the JQE model table
M analog or DM digital meters	SN/SNR 12-bit listen-only digital option
Technical Specifications	Model: JQE 36

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Current: 0 to 71 C at 0 to 100 percent of rating
Operating Temperature	Current: 0 to 71 C at 0 to 100 percent of rating
Operating Temperature Current	0 to 71 C at 0 to 100 percent of rating Notes Specs from Kepco JQE model table and JQE general specifications. Confirm the current suffix (3, 8, 15, or 30 A) andMversus DM meters 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	
Specifications	
PARAMETER	VALUE
Model	JQE 36
Manufacturer	Kepeco Inc
Instrument Type	Linear programmable DC power supply 36 V family
Specifications	
PARAMETER	VALUE
Series	JQE
Alias	JQE36; JQE 36; JQE 36-3M; JQE 36-8M; JQE 36-15M; JQE 36-30M
Rated Output Voltage	0 to 36 Vdc
Specifications	
PARAMETER	VALUE
JQE 36 3 A	0 to 3 A; series R 600 uohm; series L 1 uH; shunt R 165 kohm; shunt C 400 uF; 2.2 A in at 125 Vac; quarter rack
JQE 36 8 A	0 to 8 A; series R 225 uohm; series L 0.5 uH; shunt R 62.5 kohm; shunt C 1.4 k uF; 6.0 A in; half rack
JQE 36 15 A	0 to 15 A; series R 120 uohm; series L 0.5 uH; shunt R 33 kohm; shunt C 3.6 k uF; 9.5 A in; half rack
Specifications	
PARAMETER	VALUE
JQE 36 30 A	0 to 30 A; series R 60 uohm; series L 0.5 uH; shunt R 16 kohm; shunt C 11 k uF; 19.0 A in; full rack
Topology	series pass transistor voltage stabilizer with current limiting
AC Voltage	105 to 125 or 210 to 250 Vac user selectable
Specifications	
PARAMETER	VALUE
AC Frequency	47 to 65 Hz

PARAMETER	VALUE
Source Effect Voltage	less than 0.0005 percent
Load Effect Voltage	less than 0.005 percent no load to full load

Specifications

PARAMETER	VALUE
Ripple RMS	less than 0.2 mV
Ripple PP	less than 1.0 mV (20 Hz to 10 MHz)
Time Drift Voltage	less than 0.01 percent class 8 hour

Specifications

PARAMETER	VALUE
Temperature Coefficient Voltage	less than 0.01 percent perC Isolation: 500 Vdc or peak output to ground
Leakage RMS	less than 5 uA rms at 115 Vac
Local Voltage Control	10 turn precision rheostat

Remote Analog Voltage: 1000 ohm per volt or 0 to 1 mA

Operating Temperature Current: 0 to 71 C at 0 to 100 percent of rating

Notes

Specs from Kepco JQE model table and JQE general specifications. Confirm the current suffix (3, 8, 15, or 30 A) andMversus DM meters 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 ·
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.