

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

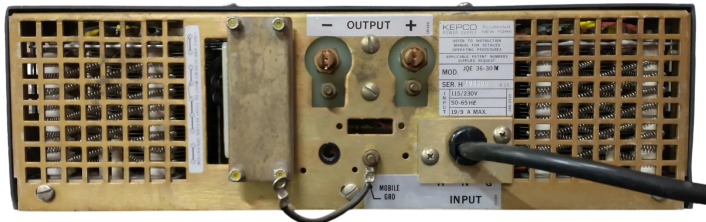
Data Sheet

August 13, 2026

KEPCO

Kepco JQE36-30M

Kepco DC Power Supplies. Voltage: ** 500V d-c or peak (chassis to output), Current: ** <math>I_{t}</math>, Current: sense resistor.



MODEL

Kepco JQE36-30M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

JQE36-30M

LISTING

<https://aumictechlabs.com/products/jqe36-30m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kepco JQE36-30M is a single-output DC power supply delivering 0–36V at 0–30A with 100W capacity in a 1/4-rack package. Built as a series pass voltage stabilizer, it combines tight voltage regulation with adjustable current limiting and front-panel analog control. The unit excels in applications demanding stable, low-noise power with exceptional source and load regulation. Technical Specifications Output: 0–36V, 0–30A Power Rating: 100W Output Impedance (Voltage Mode): 60 $\mu\Omega$ Output Inductance (Voltage Mode): 0.5 μH Shunt Resistance (Current Mode): 16 k Ω Shunt Capacitance (Current Mode): 11 μF Voltage Control: 10-turn precision potentiometer Current Limiting: Adjustable 10% to 105% of rated maximum via front panel AC Input: Selectable 105–125V a-c or 210–250V a-c, 50–65 Hz, single phase Isolation Voltage: 500V d-c or peak (chassis to output) Leakage Current: <5 μA rms, <50 μA peak-to-peak at 115V a-c, 60Hz Key Features Regulation Performance: Source voltage influence <0.0005% (Voltage Mode), <0.005% (Current Mode) Load Regulation: <10 μV (Voltage Mode) Amplifier Offset: <10 μV (Voltage Mode), <5 nA (Current Mode) Analog Control Interface: 1000 Ω /Volt by resistance; 0–1 mA by voltage External

Current Sensing: Supports control via external current-sense resistor Digital Interface: Listen-only SN-series digital control available Metering: Analog meters standard; digital LCD meter modules (suffix "DM") available as form-fit-function equivalents Typical Applications Laboratory power systems, device testing, burn-in operations, and precision current-limited power delivery where voltage stability and noise rejection are critical. Compatibility & Integration The JQE36-30M integrates into modular systems supporting series connection architectures. Front-panel voltage and current controls enable manual operation; optional digital interfaces support automated test environments requiring listen-only monitoring and status reporting.

JQE3630M Characteristics / Specifications

PARAMETER	VALUE
Model	JQE 36-30M
Manufacturer	Kepeco Inc
Instrument Type	Linear programmable DC power supply
Series	JQE
Alias	JQE 36-30M; JQE36-30M; JQE 36-30
Rated Output Voltage	0 to 36 Vdc
Rated Output Current	0 to 30 A
Rated Power Class	1080 W
Package	full rack JQE 1000 W class
Voltage Mode Series R	60 uohm
Voltage Mode Series L	0.5 uH
Current Mode Shunt R	16 kohm
Current Mode Shunt C	11 k uF
Max Input Current	19.0 A at 125 Vac
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
Ripple RMS	less than 0.2 mV
Ripple PP	less than 1.0 mV
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
Meter Analog	3 percent of full scale (M suffix)
Operating Temperature Current	0 to 71 C at 0 to 100 percent of rating
Weight Packed Class	97 lb full rack
Related Half Rack 15 A	JQE 36-15M
Related ATE Twin	ATE 36-30M / ATE 36-30DMG Notes
Operating temperature	Current: 0 to 71 C at 0 to 100 percent of rating

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
Weight Packed Class	97 lb full rack
Related Half Rack 15 A	JQE 36-15M
Related ATE Twin	ATE 36-30M / ATE 36-30DMG Notes

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 36-30M
Manufacturer	Kepeco Inc
Instrument Type	Linear programmable DC power supply
Specifications	
PARAMETER	VALUE
Series	JQE
Alias	JQE 36-30M; JQE36-30M; JQE 36-30
Rated Output Voltage	0 to 36 Vdc
Specifications	
PARAMETER	VALUE
Rated Output Current	0 to 30 A
Rated Power Class	1080 W
Package	full rack JQE 1000 W class
Specifications	
PARAMETER	VALUE
Voltage Mode Series R	60 uohm
Voltage Mode Series L	0.5 uH
Current Mode Shunt R	16 kohm
Specifications	
PARAMETER	VALUE
Current Mode Shunt C	11 k uF
Max Input Current	19.0 A at 125 Vac
Topology	series pass transistor voltage stabilizer with current limiting

Specifications

PARAMETER	VALUE
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

Specifications

PARAMETER	VALUE
Load Effect Voltage	less than 0.005 percent
Ripple RMS	less than 0.2 mV
Ripple PP	less than 1.0 mV

Specifications

PARAMETER	VALUE
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

Specifications

PARAMETER	VALUE
Remote Analog Voltage	1000 ohm per volt or 0 to 1 mA
Meter Analog	3 percent of full scale (M suffix)
Operating Temperature Current	0 to 71 C at 0 to 100 percent of rating

Specifications

PARAMETER	VALUE
Weight Packed Class	97 lb full rack
Related Half Rack 15 A	JQE 36-15M
Related ATE Twin	ATE 36-30M / ATE 36-30DMG

Notes

Specs from Kepco JQE full-rack table (JQE 36-30M: 0-36 V, 0-30 A, 60 uohm, 0.5 uH, 16 kohm, 11 k uF, 19.0 A in). ConfirmMversus DM and versus ATE 36-30 programmable-current twin.

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.