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Data Sheet

August 13, 2026

KIKUSUI

Kikusui PWC 0620

Kikusui PWC 0620 Triple Output DC Power Supply 6 V 3 A and plus/minus 20 V 1 A The Kikusui PWC 0620 (PWC0620) is a triple-output series-regulated laboratory DC supply. Channel 1 is 0 to 6 V at 0.6 to 3 A (10-turn voltage, 1-turn current limit). Channels 2 and 3 are dual-tracking 0 to plus/minus 20 V at 0.02 to 1 A (10-turn), usable independently or in series to 40 V. Analog meters read voltage and current. Outputs are 5-way binding posts. Chassis about 210 × 140 × 310 mm (also listed 14 × 8.5 × 6 in). Line cord exits the rear. Analog series regulation suits low-noise bench work versus switching supplies of similar rating. The Kikusui PWC 0620 (PWC0620) is a triple-output series-regulated laboratory DC supply. Channel 1 is 0 to 6 V at 0.6 to 3 A (10-turn voltage, 1-turn current limit). Channels 2 and 3 are dual-tracking 0 to plus/minus 20 V at 0.02 to 1 A (10-turn), usable independently or in series to 40 V. Analog meters read voltage and current. Outputs are 5-way binding posts. Chassis about 210 × 140 × 310 mm (also listed 14 × 8.5 × 6 in). Line cord exits the rear. Analog series regulation suits low-noise bench work versus switching supplies of similar rating. Analog/digital bench rails: 5 V logic plus plus/minus 15/18 V analog



MODEL

Kikusui PWC 0620

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PWC 0620

LISTING

<https://aumictechlabs.com/products/pwc-0620-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kikusui PWC 0620 is a triple-output regulated DC power supply delivering 20 W total power across three independently controlled outputs. It combines IC and silicon semiconductor technology to achieve stable voltage regulation, low ripple, and precise load/line response. The unit is engineered for laboratory and industrial applications requiring reliable multi-voltage distribution. Its 1/2-rack form factor accommodates space-constrained installations, with two units fitting a standard 19-inch or 500-mm rack.

Technical Specifications

Output Configuration:
Output 1: 0–6 V DC, 0–3 A maximum
Outputs 2 & 3: 0–±20 V DC dual tracking, 1 A per output maximum
Series connection capability: 0–40 V (Outputs 2 & 3 connected in series)

Output 1 Performance:
Line regulation ($\pm 10\%$ input): ≤ 2 mV
Load regulation (0–100% current): ≤ 3 mV
Ripple noise (5 Hz–1 MHz): ≤ 0.5 mVrms
Residual voltage: ≤ 50 mV
Voltage adjustment: 10-turn potentiometer

Outputs 2 & 3 Performance:
Line regulation ($\pm 10\%$ input): ≤ 2 mV
Load regulation (0–100% current): ≤ 3 mV
Ripple noise (5 Hz–1 MHz): ≤ 0.5 mVrms
Residual voltage: ≤ 50 mV
Tracking accuracy: $\leq \pm 2\%$ of maximum output voltage
Adjustable tracking range: negative output 50–100% of positive setting
Voltage adjustment: 10-turn potentiometer

Key Features
Automatic constant-current crossover
overload protection on each circuit
Independently adjustable overload protection crossover points
Current limit LED indication for threshold monitoring
Output shorting protection on 6 V output
Low noise output suitable for sensitive analog circuits

Physical Integration
1/2-rack mountable design enables efficient panel integration. Two units occupy one standard 19-inch or 500-mm rack.

PWC0620 Characteristics / Specifications

PARAMETER	VALUE
Analog/digital bench rails	5 V logic plus plus/minus 15/18 V analog Education and service Series 40 V from the tracking pair Key Features Three analog series-regulated outputs Dual tracking plus/minus 20 V 10-turn voltage on 6 V and plus/minus 20 V
Model	PWC0620
Manufacturer	Kikusui Electronics
Instrument Type	Triple output regulated DC power supply
Series	PWC
Alias	PWC 0620; PWC-0620; PWC0620
Output 6 V Voltage	0 to 6 V, 10 turn
Output 6 V Current	0.6 to 3 A, 1 turn limit
Output Dual Voltage	0 to plus/minus 20 V dual tracking, 10 turn
Output Dual Current	0.02 to 1 A each
Series Dual Voltage	0 to 40 V when series connected
Topology	analog series regulator
Meters	analog voltage and current
Output Connectors	5 way binding posts banana
Dimensions mm	210 W x 140 H x 310 D
Dimensions Inches Listing	14 × 8.5 × 6 H
Mains Cord	rear exit, 100 V class typical
Overrange Example 6 V	6.4 V measured on one listing at end stop
Plus 20 V Overrange Example	20.7 V at end stop on one listing
Minus 20 V Overrange Example	minus 20.7 V at end stop on one listing
Current Limit Lamp Example 6 V	3.21 A
Plus 20 V Current Limit Example	1.07 A
Minus 20 V Current Limit Example	1.02 A
Mode 6 V	CV and CC

PARAMETER	VALUE
Tracking	dual tracking plus/minus 20 V
Independent Dual	dual outputs usable independently
Noise Class	series regulator, lower noise than switching of similar VA
Form	triple-output benchtop lab supply
Manual	Kikusui PWC 0620 operation manual
Not PCR	PWC is DC multi-output; PCR is AC source
Not PAD	PAD is single-output high-power DC Notes Specs from Kikusui PWC 0620 operation-manual excerpts (0-6 V / 3 A and dual-tracking 0 to plus/minus 20 V / 1 A). End-stop voltages above 6.0/20.0 V are measured examples, not guaranteed ratings. Confirm 100 V mains.

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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PARAMETER	VALUE
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Instrument Type	Triple output regulated DC power supply
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PARAMETER	VALUE
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Dimensions mm	210 W x 140 H x 310 D
Dimensions Inches Listing	14 x 8.5 x 6 H

Specifications

PARAMETER	VALUE
Mains Cord	rear exit, 100 V class typical
Ovrrange Example 6 V	6.4 V measured on one listing at end stop
Plus 20 V Ovrrange Example	20.7 V at end stop on one listing

Specifications

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Minus 20 V Ovrrange Example	minus 20.7 V at end stop on one listing
Current Limit Lamp Example 6 V	3.21 A
Plus 20 V Current Limit Example	1.07 A

Specifications

PARAMETER	VALUE
Minus 20 V Current Limit Example	1.02 A
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Tracking	dual tracking plus/minus 20 V

Specifications

PARAMETER	VALUE
Independent Dual	dual outputs usable independently
Noise Class	series regulator, lower noise than switching of similar VA
Form	triple-output benchtop lab supply

Specifications

PARAMETER	VALUE
Manual	Kikusui PWC 0620 operation manual
Not PCR	PWC is DC multi-output; PCR is AC source
Not PAD	PAD is single-output high-power DC

Notes

Specs from Kikusui PWC 0620 operation-manual excerpts (0-6 V / 3 A and dual-tracking 0 to plus/minus 20 V / 1 A). End-stop voltages above 6.0/20.0 V are measured examples, not guaranteed ratings. Confirm 100 V mains.

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.