

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

INSTEK/GW

GW Instek GPS-2303 Dual Output DC Power Supply

Tracking Load Regulation: less than 300 mV Tracking Ripple and Noise: less than 2 mVrms, 5 Hz to 1 MHz Meter Type: 3 digits 0.5 inch LED display Meter Accuracy GPS2303: plus or minus (0.5% of reading + 2 digits) Tracking Ripple and Noise: less than 2 mVrms, 5 Hz to 1 MHz Meter Type: 3 digits 0.5 inch LED display Meter Accuracy GPS2303: plus or minus (0.5% of reading + 2 digits) Insulation Chassis and Terminal: greater than DC 500 V / 20 MOhm



MODEL

**Instek/GW
GPS2303**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPS2303

LISTING

<https://aumictechlabs.com/products/gps2303-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek GPS-2303 is a reliable 90W single-channel, linear DC power supply providing a clean and stable output for various electronic testing and development needs. With a maximum output of 30V and 3A, It has precise voltage and current control. The large LED display ensures easy monitoring of output values, while built-in overload protection safeguards connected devices. Ideal for educational labs, R&D, and production testing where a dependable and accurate power source is required.

GPS2303 Characteristics / Specifications

PARAMETER	VALUE
CH1 Voltage Range	0 to 30 V
CH1 Current Range	0 to 3 A
CH2 Voltage Range	0 to 30 V
CH2 Current Range	0 to 3 A
Tracking Series Voltage	0 to 60 V
Tracking Parallel Current	0 to 6 A
Rated Power Class	180 W (GPS-2303

Specifications

PARAMETER	VALUE
CH1 Voltage Range	0 to 30 V
CH1 Current Range	0 to 3 A
CH2 Voltage Range	0 to 30 V
CH2 Current Range	0 to 3 A
Tracking Series Voltage	0 to 60 V
Tracking Parallel Current	0 to 6 A
Rated Power Class	180 W (GPS-2303 ordering information)
CV Line Regulation CH1 CH2	less than 0.01% + 3 mV
CV Load Regulation CH1 CH2	less than 0.01% + 3 mV (rating current less than 3 A)
CV Load Regulation CH1 CH2 High Current	less than 0.02% + 5 mV (rating current greater than 3 A)
CV Ripple and Noise CH1 CH2	less than 1 mVrms, 5 Hz to 1 MHz
Recovery Time	less than 100 μ s (50% load change, minimum load 0.5 A)
CC Line Regulation CH1 CH2	less than 0.2% + 3 mA
CC Load Regulation CH1 CH2	less than 0.2% + 3 mA
CC Ripple and Noise	less than 3 mArms
Tracking Error	less than 0.5% + 10 mV of CH1
Series Regulation Tracking	less than 0.01% + 5 mV
Tracking Load Regulation	less than 300 mV
Tracking Ripple and Noise	less than 2 mVrms, 5 Hz to 1 MHz
Meter Type	3 digits 0.5 inch LED display
Meter Accuracy GPS2303	plus or minus (0.5% of reading + 2 digits)
Insulation Chassis and Terminal	greater than DC 500 V / 20 MOhm
Insulation Chassis and AC Cord	greater than DC 500 V / 30 MOhm
Power Source	AC 100 V/120 V/220 V +10%, 230 V (+10% to -6%), 50/60 Hz
Dimensions	255 W x 145 H x 265 D mm

PARAMETER

VALUE

Weight

approx. 7 kg

Accessories

user manual, power cord, test lead GTL-104 × 2 or GTL-204 × 2 and
GTL-201A x 1

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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Notes

Values are taken from the GW Instek GPS-2303/3303/4303 datasheet. GPS-2303 has no CH3/CH4 fixed auxiliary outputs (those apply to GPS-3303/4303). Faceplate labeling remains authoritative for a specific unit.

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>

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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.