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Data Sheet

August 13, 2026

GW INSTEK

GW Instek GPS-3303 Triple Output DC Supply

Key Features - Four 3-digit LED displays - Output voltage/current setting while output is disabled - Fan speed control to reduce acoustic noise - Optional European jack terminals - Tracking auto series/parallel on CH1/CH2

Technical Specifications Model: GPS-3303
Manufacturer: GW Instek Instrument Type: Triple output linear DC power supply Series: GPS-x303 Alias: GPS3303 Rated power: 195 W CH1 CH2 voltage: 0 to 30 V each CH1 CH2 current: 0 to 3 A each CH3 voltage: 5 V fixed CH3 current: 3 A max Series tracking voltage: 0 to 60 V Parallel tracking current: 0 to 6 A CV line regulation: less than 0.01% + 3 mV CV load regulation under 3 A: less than 0.01% + 3 mV CV load regulation above 3 A: less than 0.02% + 5 mV CV ripple noise: less than 1 mVrms, 5 Hz to 1 MHz Recovery time: less than 100 us (50% load change, minimum load 0).



MODEL

**GW Instek
GPS3303**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPS3303

LISTING

<https://aumictechlabs.com/products/gps3303-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The GW Instek GPS-3303 is a triple output, 90W, linear DC power supply offering overload and reverse polarity protection, as well as high regulation and low ripple/noise. The power supply can be used in series or parallel to increase the voltage or current output. It features a 0.01%+3mV regulation and <1mVrms ripple and noise.

Features & description

From manufacturer datasheet

Features

- Four 3-digit LED displays
- Output voltage/current setting while output is disabled
- Fan speed control to reduce acoustic noise
- Optional European jack terminals
- Tracking auto series/parallel on CH1/CH2

GPS3303 Characteristics / Specifications

PARAMETER	VALUE
Model	GPS-3303
Manufacturer	GW Instek
Instrument Type	Triple output linear DC power supply
Series	GPS-x303
Alias	GPS3303
Rated power	195 W
CH1 CH2 voltage	0 to 30 V each
CH1 CH2 current	0 to 3 A each
CH3 voltage	5 V fixed
CH3 current	3 A max
Series tracking voltage	0 to 60 V
Parallel tracking current	0 to 6 A
CV line regulation	less than 0.01% + 3 mV
CV load regulation under 3 A	less than 0.01% + 3 mV
CV load regulation above 3 A	less than 0.02% + 5 mV
CV ripple noise	less than 1 mVrms, 5 Hz to 1 MHz
Recovery time	less than 100 us (50% load change, minimum load 0.5 A)
CC line regulation	less than 0.2% + 3 mA
CC load regulation	less than 0.2% + 3 mA
CC ripple	less than 3 mArms
Tracking error	less than 0.5% + 10 mV of CH1
Series regulation	less than 0.01% + 5 mV
Tracking load regulation	less than 300 mV
Tracking ripple	less than 2 mVrms, 5 Hz to 1 MHz
CH3 line regulation	less than 5 mV

PARAMETER	VALUE
CH3 load regulation	less than 15 mV
CH3 ripple noise	less than 2 mVrms, 5 Hz to 1 MHz
Meter type	3 digits 0.5 inch LED
Meter accuracy output ON	±(0.5% of reading + 2 digits)
Meter accuracy output OFF	±(0.5% of reading + 8 digits)
Insulation chassis terminal	greater than DC 500 V / 20 Mohm
Insulation chassis AC cord	greater than DC 500 V / 30 Mohm
AC power	100/120/220 V +10%, 230 V (+10% to -6%), 50/60 Hz
Dimensions	255 mmWx 145 mmHx 265 mmDWeight: approximately 7 kg
Accessories	user manual, power cord, GTL-104 × 2, GTL-105 × 1 (European GTL-203 × 1, GTL-204 × 2, 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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PARAMETER	VALUE
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Alias	GPS3303
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CH1 CH2 voltage	0 to 30 V each
CH1 CH2 current	0 to 3 A each
CH3 voltage	5 V fixed
CH3 current	3 A max
Series tracking voltage	0 to 60 V
Parallel tracking current	0 to 6 A
CV line regulation	less than 0.01% + 3 mV
CV load regulation under 3 A	less than 0.01% + 3 mV
CV load regulation above 3 A	less than 0.02% + 5 mV
CV ripple noise	less than 1 mVrms, 5 Hz to 1 MHz
Recovery time	less than 100 us (50% load change, minimum load 0.5 A)
CC line regulation	less than 0.2% + 3 mA
CC load regulation	less than 0.2% + 3 mA
CC ripple	less than 3 mA rms
Tracking error	less than 0.5% + 10 mV of CH1
Series regulation	less than 0.01% + 5 mV
Tracking load regulation	less than 300 mV
Tracking ripple	less than 2 mVrms, 5 Hz to 1 MHz
CH3 line regulation	less than 5 mV
CH3 load regulation	less than 15 mV

PARAMETER	VALUE
CH3 ripple noise	less than 2 mVrms, 5 Hz to 1 MHz
Meter type	3 digits 0.5 inch LED
Meter accuracy output ON	$\pm(0.5\%$ of reading + 2 digits)
Meter accuracy output OFF	$\pm(0.5\%$ of reading + 8 digits)
Insulation chassis terminal	greater than DC 500 V / 20 Mohm
Insulation chassis AC cord	greater than DC 500 V / 30 Mohm
AC power	100/120/220 V +10%, 230 V (+10% to -6%), 50/60 Hz
Dimensions	255 mmWx 145 mmHx 265 mmDWeight: approximately 7 kg
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Notes

Specs from GW Instek GPS-2303/3303/4303 specification sheet. Confirm GPS-3303 (three isolated outputs) versus single-output GPS-3030D/DD. GPS-4303 adds a 2.2 to 5.2 V / 1 A CH3 and 8 to 15 V / 1 A CH4.

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.