

**Aumictech**

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Data Sheet

August 13, 2026

INSTEK

Instek GPS-3030DD Dual Display, Single Output Power Supply

Key Features - Dual 3.5-digit LED display (DD) versus analog GPS-3030 or single digital GPS-3030D - Hi/Lo current-range switch - Remote control terminals for external programmability - Optional European jack terminal - Light compact 128 × 145 × 285 mm chassis Technical Specifications Model: GPS-3030DD Manufacturer: GW Instek Instrument Type: Linear DC power supply Series: GPS Alias: GPS3030DD; GPS-3030DD Output voltage: 0 to 30 V Output current: 0 to 3 A Rated power: 90 W CV line regulation: $\leq 0.01\% + 3 \text{ mV}$ CV load regulation: $\leq 0.01\% + 3 \text{ mV}$ (rating current $\leq 3 \text{ A}$) CV ripple noise: $\leq 0.5 \text{ mVrms}$, 5 Hz to 1 MHz (rating current $\leq 3 \text{ A}$) Recovery time: $\leq 100 \text{ us}$ (50% load change, minimum load 0.5 A) Temperature coefficient: $\leq 300 \text{ ppm per } ^\circ\text{C}$ CV output range: 0 to rating voltage continuously adjustable CC line regulation: $\leq 0.2\% + 3 \text{ mA}$ CC load regulation: ≤ 0 .



MODEL

Instek GPS-3030DD

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPS-3030DD

LISTING

<https://aumictechlabs.com/products/gps-3030dd-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek GPS-3030DD is a single-output linear DC power supply delivering 90 W across 0–30 VDC at 0–3 ADC. Dual 3½-digit LED displays (0.39" each) provide simultaneous voltage and current readout with $\pm(0.5\% \text{ of reading} + 2 \text{ digits})$ accuracy. The supply operates in constant

voltage (CV) and constant current (CC) modes, each with independently adjustable output via coarse and fine potentiometers. Technical Specifications Output Power: 90 W Voltage Range: 0–30 VDC Current Range: 0–3 ADC Display: Dual 3½-digit LED, 0.39" each; simultaneous V and I readout Display Accuracy: $\pm(0.5\% \text{ of reading} + 2 \text{ digits})$ Input Power: 100 V, 120 V, 220 V, 240 VAC $\pm 10\%$, 50/60 Hz Dimensions: 128 mm (W) $\times$ 145 mm (H) $\times$ 285 mm (D) Weight: Approximately 5 kg Key Features Voltage Mode Performance Line regulation: $\leq 0.01\% + 3 \text{ mV}$ Load regulation: $\leq 0.01\% + 3 \text{ mV}$ ($\leq 3 \text{ A}$) / $\leq 0.01\% + 5 \text{ mV}$ ($> 3 \text{ A}$) Ripple & noise: $\leq 0.5 \text{ mVrms}$ (5 Hz–1 MHz, $\leq 3 \text{ A}$) / $\leq 1 \text{ mVrms}$ ($> 3 \text{ A}$) Recovery time: $\leq 100 \mu\text{s}$ (50% load change, minimum 0.5 A load) Temperature coefficient: $\leq 300 \text{ ppm}/^\circ\text{C}$ Current Mode Performance Line regulation: $\leq 0.2\% + 3 \text{ mA}$ Load regulation: $\leq 0.2\% + 3 \text{ mA}$ Ripple current: $\leq 3 \text{ mArms}$ Protection & Control Overload protection included Reverse polarity protection included Internal load selection switch for continuous or dynamic load operation Remote control terminals for external device operation via external voltage Series/parallel connection capability for higher voltage or current demands Typical Applications Laboratory testing, educational institution experiments, production line commissioning, pulsed current applications, and precision component characterization. Compatibility & Integration Front-panel output terminals accept standard connections; European-type jack terminal option available. Rear-panel remote control terminals enable external programming and operation integration.

Features & description

From manufacturer datasheet

Features

- Dual 3.5-digit LED display (DD) versus analog GPS-3030 or single digital GPS-3030D
- Hi/Lo current-range switch
- Remote control terminals for external programmability
- Optional European jack terminal
- Light compact 128 × 145 × 285 mm chassis

GPS3030DD Characteristics / Specifications

PARAMETER	VALUE
Model	GPS-3030DD
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030DD; GPS-3030DD
Output voltage	0 to 30 V
Output current	0 to 3 A
Rated power	90 W
CV line regulation	$\leq 0.01\% + 3 \text{ mV}$
CV load regulation	$\leq 0.01\% + 3 \text{ mV}$ (rating current $\leq 3 \text{ A}$)
CV ripple noise	$\leq 0.5 \text{ mVrms}$, 5 Hz to 1 MHz (rating current $\leq 3 \text{ A}$)
Recovery time	$\leq 100 \text{ us}$ (50% load change, minimum load 0.5 A)
Temperature coefficient	$\leq 300 \text{ ppm per}^\circ\text{C}$ CV output range: 0 to rating voltage continuously adjustable
CC line regulation	$\leq 0.2\% + 3 \text{ mA}$
CC load regulation	$\leq 0.2\% + 3 \text{ mA}$
CC ripple current	$\leq 3 \text{ mArms}$
CC output range	0 to rating current continuously adjustable, Hi/Lo switchable
Meter type	dual 3.5 digit 0.39 inch LED (GPS-3030DD)
Meter accuracy	$\pm(0.5\% \text{ of reading} + 2 \text{ digits})$
Insulation chassis terminal	20 Mohm or above at DC 500 V
Insulation chassis AC cord	30 Mohm or above at DC 500 V
AC power	100/120/220/240 V $\pm 10\%$, 50/60 Hz
Dimensions	128 mmWx 145 mmHx 285 mmDWeight: approximately 5 kg
Accessories	user manual, power cord, GTL-105 test lead
Related analog	GPS-3030

PARAMETER

VALUE

Related single digital

GPS-3030D

Spec condition

30 minutes warm-up, +20 C to +30 C

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	GPS-3030DD
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030DD; GPS-3030DD
Output voltage	0 to 30 V
Output current	0 to 3 A
Rated power	90 W
CV line regulation	≤0.01% + 3 mV
CV load regulation	≤0.01% + 3 mV (rating current ≤3 A)
CV ripple noise	≤0.5 mVrms, 5 Hz to 1 MHz (rating current ≤3 A)
Recovery time	≤100 us (50% load change, minimum load 0.5 A)
Temperature coefficient	≤300 ppm perCCV output range: 0 to rating voltage continuously adjustable
CC line regulation	≤0.2% + 3 mA
CC load regulation	≤0.2% + 3 mA
CC ripple current	≤3 mArms
CC output range	0 to rating current continuously adjustable, Hi/Lo switchable
Meter type	dual 3.5 digit 0.39 inch LED (GPS-3030DD)
Meter accuracy	±(0.5% of reading + 2 digits)
Insulation chassis terminal	20 Mohm or above at DC 500 V
Insulation chassis AC cord	30 Mohm or above at DC 500 V
AC power	100/120/220/240 V ±10%, 50/60 Hz
Dimensions	128 mmWx 145 mmHx 285 mmDWeight: approximately 5 kg
Accessories	user manual, power cord, GTL-105 test lead
Related analog	GPS-3030

PARAMETER	VALUE
Related single digital	GPS-3030D
Spec condition	30 minutes warm-up, +20 C to +30 C

Notes

Specs from GW Instek GPS-Series specification sheet. Confirm GPS-3030DD dual-display versus GPS-3030D single digital and analog GPS-3030. Optional European jack isafactory/terminal option.

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.