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Data Sheet

August 13, 2026

INSTEK/GW

GW Instek GPS-3030D Linear DC Power Supply

Key Features - Single 3.5-digit 0.5 inch LED versus analog GPS-3030 or dual-display GPS-3030DD - Hi/Lo current-range switch - Remote control terminals for external programmability - Optional European jack terminal - Light 128 × 145 × 285 mm chassis

Technical Specifications
Model: GPS-3030D Manufacturer: GW Instek Instrument Type: Linear DC power supply Series: GPS Alias: GPS3030D 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 load regulation alt: $\leq 0.01\% + 5 \text{ mV}$ (rating current 3 A class table row) 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).



MODEL

Instek/GW GPS-3030D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPS-3030D

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Instek GPS-3030D is a reliable and versatile linear DC power supply designed . With a single output capable of delivering up to 30V and 3A, It has a stable and clean power source for electronics projects, educational labs, and basic industrial testing. The power supply incorporates overload and reverse polarity protection to safeguard both the unit and the connected devices. Its

high regulation and low ripple/noise characteristics ensure accurate and consistent power delivery.

Features & description

From manufacturer datasheet

Features

- Single 3.5-digit 0.5 inch LED versus analog GPS-3030 or dual-display GPS-3030DD • Hi/Lo current-range switch • Remote control terminals for external programmability • Optional European jack terminal
- Light 128 × 145 × 285 mm chassis

GPS3030D Characteristics / Specifications

PARAMETER	VALUE
Model	GPS-3030D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030D
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 load regulation alt	$\leq 0.01\% + 5 \text{ mV}$ (rating current 3 A class table row)
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	$\leq 300 \text{ ppm perCCV}$ 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	3 digits 0.5 inch LED (GPS-1830D/1850D/3030D)
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 (3 A) or GTL-104 (10 A) test lead

PARAMETER

VALUE

Related analog

GPS-3030

Related dual digital

GPS-3030DD

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-3030D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030D
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 load regulation alt	≤0.01% + 5 mV (rating current 3 A class table row)
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 mA rms
CC output range	0 to rating current continuously adjustable, Hi/Lo switchable
Meter type	3 digits 0.5 inch LED (GPS-1830D/1850D/3030D)
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 (3 A) or GTL-104 (10 A) test lead

PARAMETER	VALUE
Related analog	GPS-3030
Related dual digital	GPS-3030DD
Spec condition	30 minutes warm-up, +20 C to +30 C

Notes

Specs from GW Instek GPS-Series specification sheet. Confirm GPS-3030D single digital versus GPS-3030DD dual 0.39 inch LEDs and analog GPS-3030 (2.5 class 50 x 50 mm meters). 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.