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Data Sheet

August 13, 2026

INSTEK/GW

GW Instek GPC-3030D Triple Output DC Supply

Key Features - Auto tracking, auto series, and auto parallel on CH1/CH2 - Fixed 5 V / 3 A auxiliary output - 3 1/2-digit 0.5 inch LED (versus 0.39 inch four-meter GPC-3030DQ) - Internal continuous or dynamic load select - Overload and reverse-polarity protection - GPC-3030DQ adds temperature-controlled cooling fan

Technical Specifications Model: GPC-3030D

Manufacturer: GW Instek Instrument Type: Triple output linear DC power supply Series: GPC

Alias: GPC3030D Rated power: 195 W CH1 CH2 voltage: 0 to 30 V each CH1 CH2 current: 0 to 3 A each CH3 output: 5 V / 3 A max Independent mode: two independent outputs plus 5 V fixed Series tracking max: 60 V / 3 A Parallel tracking max: 30 V / 6 A CV line regulation: 0.01% + 3 mV or less CV load regulation 3 A: 0.01% + 3 mV or less (rating current 3 A or less) CV load regulation 10 A: 0.



MODEL

Instek/GW GPC-3030D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPC-3030D

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Instek GPC-3030D is a 90W, single-output, programmable linear DC power supply designed for benchtop testing and laboratory use. This power supply provides a variable output voltage range of 0-30V and a current range of 0-3A. Its linear design ensures low noise and ripple, which is crucial for sensitive electronic circuits. The GPC-3030D features overload and reverse polarity protection to prevent damage to both the power supply and the connected device. Constant

voltage (CV) and constant current (CC) modes allow for versatile operation, adapting to different load requirements. The clear LED displays provide accurate readings of voltage and current, enhancing usability.

Features & description

From manufacturer datasheet

Features

- Auto tracking, auto series, and auto parallel on CH1/CH2
- Fixed 5 V / 3 A auxiliary output
- 3 1/2-digit 0.5 inch LED (versus 0.39 inch four-meter GPC-3030DQ)
- Internal continuous or dynamic load select
- Overload and reverse-polarity protection
- GPC-3030DQ adds temperature-controlled cooling fan

GPC3030D Characteristics / Specifications

PARAMETER	VALUE
Model	GPC-3030D
Manufacturer	GW Instek
Instrument Type	Triple output linear DC power supply
Series	GPC
Alias	GPC3030D
Rated power	195 W
CH1 CH2 voltage	0 to 30 V each
CH1 CH2 current	0 to 3 A each
CH3 output	5 V / 3 A max
Independent mode	two independent outputs plus 5 V fixed
Series tracking max	60 V / 3 A
Parallel tracking max	30 V / 6 A
CV line regulation	0.01% + 3 mV or less
CV load regulation 3 A	0.01% + 3 mV or less (rating current 3 A or less)
CV load regulation 10 A	0.01% + 5 mV or less (rating current 10 A class)
CV ripple noise	1 mVrms or less, 5 Hz to 1 MHz
Recovery time	100 us or less (50% load change, minimum load 0.5 A)
CC line regulation	0.2% + 3 mA or less
CC load regulation	0.2% + 3 mA or less (GPC-1850D/GPC-3030D/GPC-3030DQ)
CC ripple current	3 mArms or less
Fixed 5V line regulation	5 mV or less
Fixed 5V load regulation	10 mV or less
Fixed 5V ripple noise	2 mVrms or less
Fixed 5V accuracy	5 V $\pm$ 0.25 V
Fixed 5V current	3 A

PARAMETER	VALUE
Tracking error	0.5% + 10 mV of the master or less
Series regulation	300 mV or less
Meter type	3 1/2 digits 0.5 inch LED
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	255 mmWx 145 mmHx 346 mmDWeight: 11.5 kg
Accessories	user manual, power cord, GTL-105 (3 A) or GTL-104 (10 A) test leads

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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Alias	GPC3030D
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Series tracking max	60 V / 3 A
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CC load regulation	0.2% + 3 mA or less (GPC-1850D/GPC-3030D/GPC-3030DQ)
CC ripple current	3 mA rms or less
Fixed 5V line regulation	5 mV or less
Fixed 5V load regulation	10 mV or less
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Fixed 5V accuracy	5 V ±0.25 V
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Series regulation	300 mV or less
Meter type	3 1/2 digits 0.5 inch LED
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
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Notes

Specs from GW Instek GPC-Series datasheet, GPC-3030D row. Related GPC-1850D is 18 V / 5 A x 2 plus 5 V/3 A in the same 195 W / 11.5 kg class. GPC-3030DQ is the four-meter 0.39 inch LED variant with a cooling fan. Do not confuse with GPS-3303 (different GPS-x303 family) or GPC-6030D (375 W 60 V).

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.