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Data Sheet

August 13, 2026

INSTEK/GW

GW Instek GPC-3030 Triple Output Power 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-3030

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPC-3030

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Instek GPC-3030 is a single-channel, 30V/3A, 90W, linear benchtop DC power supply that delivers clean and reliable power . With its CC and CV modes, overload protection, and highly visible LED display, the GPC-3030 is a valuable tool for any electronics lab or workbench.

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

GPC3030 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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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 mA rms 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 ±0.25 V
Fixed 5V current	3 A
Tracking error	0.5% + 10 mV of the master or less

PARAMETER	VALUE
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

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.