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Data Sheet

August 13, 2026

INSTEK/GW

GW Instek GPC-6030D Triple Output DC Supply

Key Features - Auto tracking, auto series, and auto parallel on CH1/CH2 - Fixed 5 V / 3 A auxiliary output - Internal continuous or dynamic load select - Overload and reverse-polarity protection - 3 1/2-digit 0.5 inch LED meters - Not CE approved (GPC-3060D/6030D note)

Technical Specifications Model: GPC-6030D Manufacturer: GW Instek Instrument Type: Triple output linear DC power supply Series: GPC Alias: GPC6030D Rated power: 375 W CH1 CH2 voltage: 0 to 60 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; 0 to ratingV and 0 to ratingA each Series mode: 0 to double rating volts at rating amperes Parallel mode: 0 to double rating amperes at rating volts Series tracking max: 120 V / 3 A Parallel tracking max: 60 V / 6 A CV line regulation: 0.



MODEL

Instek/GW GPC-6030D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPC-6030D

LISTING

<https://aumictechlabs.com/products/gpc-6030d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek GPC-6030D is a versatile benchtop DC power supply range of applications. Its adjustable voltage and current output, coupled with coarse and fine adjustment ranges, allow for precise control over power delivery. Overload and reverse polarity protection safeguard connected devices from damage. The LED display provides clear and accurate voltage and

current readings, enhancing usability. Ideal for electronics testing, educational purposes, and hobbyist projects, the GPC-6030D offers reliable performance and essential protection features.

Features & description

From manufacturer datasheet

Features

- Auto tracking, auto series, and auto parallel on CH1/CH2
- Fixed 5 V / 3 A auxiliary output
- Internal continuous or dynamic load select
- Overload and reverse-polarity protection
- 3 1/2-digit 0.5 inch LED meters
- Not CE approved (GPC-3060D/6030D note)

GPC6030D Characteristics / Specifications

PARAMETER	VALUE
Model	GPC-6030D
Manufacturer	GW Instek
Instrument Type	Triple output linear DC power supply
Series	GPC
Alias	GPC6030D
Rated power	375 W
CH1 CH2 voltage	0 to 60 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; 0 to ratingVand 0 to ratingAeach
Series mode	0 to double rating volts at rating amperes
Parallel mode	0 to double rating amperes at rating volts
Series tracking max	120 V / 3 A
Parallel tracking max	60 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 or less)
CV load regulation above 10 A	0.02% + 5 mV or less (rating current 10 A or greater)
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% + 5 mA or less (GPC-3060D/GPC-6030D)
CC ripple current	3 mArms or less
Fixed 5V line regulation	5 mV or less
Fixed 5V load regulation	10 mV or less

PARAMETER	VALUE
Fixed 5V ripple noise	2 mVrms or less
Fixed 5V accuracy	5 V $\pm$ 0.25 V
Fixed 5V current	3 A
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	$\pm$ (0.5% of reading + 2 digits)
Insulation chassis terminal	100 Mohm or above at DC 1000 V (GPC-3060D/6030D)
Insulation chassis AC cord	100 Mohm or above at DC 1000 V (GPC-3060D/6030D)
AC power	100/120/220/240 V $\pm$ 10%, 50/60 Hz
Dimensions	255 mmWx 145 mmHx 420 mmDWeight: 18.5 kg
Accessories	user manual, power cord, 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-6030D
Manufacturer	GW Instek
Instrument Type	Triple output linear DC power supply
Series	GPC
Alias	GPC6030D
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Parallel mode	0 to double rating amperes at rating volts
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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 or less)
CV load regulation above 10 A	0.02% + 5 mV or less (rating current 10 A or greater)
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% + 5 mA or less (GPC-3060D/GPC-6030D)
CC ripple current	3 mArms or less
Fixed 5V line regulation	5 mV or less
Fixed 5V load regulation	10 mV or less

PARAMETER	VALUE
Fixed 5V ripple noise	2 mVrms or less
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Meter accuracy	$\pm$ (0.5% of reading + 2 digits)
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Insulation chassis AC cord	100 Mohm or above at DC 1000 V (GPC-3060D/6030D)
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Notes

Specs from GW Instek GPC-3060D/GPC-6030D datasheet and GPC-Series product table. Related GPC-3060D is 0 to 30 V / 0 to 6 A x 2 plus 5 V/3 A in the same 375 W class. Confirm non-CE status if the destination market requires CE.

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.