

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

INSTEK/GW

GW Instek PR-6030D Linear DC Power Supply

Key Features - Internal select for continuous or dynamic load - Overload and reverse-polarity protection - Dual 3 1/2-digit 0.5 inch LED display - Same regulation class as GPR-H at 180 W - Compact 255 mm width chassis versus GPR-U 430 mm - Family peers: GPR-1810HD (18 V/10 A) and GPR-3060D (30 V/6 A) Technical Specifications Model: GPR-6030D Manufacturer: GW Instek Instrument Type: Linear DC power supply Series: GPR-M Alias: GPR6030D; GPR-6030D Rated power: 180 W Output voltage: 0 to 60 V Output current: 0 to 3 A CV line regulation: 0.01% + 3 mV or less CV load regulation under 10 A: 0.01% + 5 mV or less CV load regulation above 10 A: 0.02% + 5 mV or less CV ripple noise: 1 mVrms or less, 5 Hz to 1 MHz Recovery time: 100 us or less (50% load change, minimum load 0.



MODEL

Instek/GW PR-6030D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PR-6030D

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek/GW PR-6030D is a reliable DC power supply designed for various applications. Featuring adjustable voltage and current outputs, it allows for precise control over power delivery. Its solid design ensures stability and accuracy, making it suitable for laboratory, industrial, and educational settings. The power supply includes features such as overload protection and easy-to-read displays for monitoring voltage and current levels.

Features & description

From manufacturer datasheet

Features

- Internal select for continuous or dynamic load
- Overload and reverse-polarity protection
- Dual 3 1/2-digit 0.5 inch LED display
- Same regulation class as GPR-H at 180 W
- Compact 255 mm width chassis versus GPR-U 430 mm
- Family peers: GPR-1810HD (18 V/10 A) and GPR-3060D (30 V/6 A)

PR6030D Characteristics / Specifications

PARAMETER	VALUE
Model	GPR-6030D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPR-M
Alias	GPR6030D; GPR-6030D
Rated power	180 W
Output voltage	0 to 60 V
Output current	0 to 3 A
CV line regulation	0.01% + 3 mV or less
CV load regulation under 10 A	0.01% + 5 mV or less
CV load regulation above 10 A	0.02% + 5 mV or less
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)
CV output range	0 to rating voltage, continuously adjustable
CC line regulation	0.2% + 3 mA or less
CC load regulation	0.2% + 3 mA or less
CC ripple current	3 mArms or less
CC output range	0 to rating current, continuously adjustable
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 335 mmDWeight: approximately 11.5 kg
Accessories	user manual, power cord, GTL-105 (3 A class) or GTL-104 (10 A class) test lead

PARAMETER	VALUE
Operating temperature	0 C to 40 C, less than 70% RH noncondensing (Tecpel/Instek product data)
Storage temperature	−10 C to 60 C, less than 80% RH noncondensing
Altitude	lower than 1000 m (product data)
Spec condition	30 minutes warm-up, +20 C to +30 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	−10 C to 60 C, less than 80% RH noncondensing
Operating temperature	0 C to 40 C, less than 70% RH noncondensing (Tecpel/Instek product data)
Operating Temperature	0 C to 40 C, less than 70% RH noncondensing (Tecpel/Instek product data)
Altitude	lower than 1000 m (product data)
Spec condition	30 minutes warm-up, +20 C to +30 C Notes

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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Notes
Specs from GW Instek GPR-M specification sheet. Related GPR-M models: GPR-1810HD (0 to 18 V / 0 to 10 A) and GPR-3060D (0 to 30 V / 0 to 6 A), same 11.5 kg chassis. Do not confuse with GPC-6030D (triple-output 375 W) or GPR-U GPR-7510HD (75 V/10 A).

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.