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Data Sheet

August 13, 2026

INSTEK/GW

GW Instek GPR-6030 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 GPR-6030

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPR-6030

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek GPR-6030 is a single-channel, linear benchtop DC power supply that delivers adjustable voltage and current for a variety of electronic testing and development needs. With a maximum output of 60V and 3A, It has a stable and clean power source. The GPR-6030 features an easy-to-read LED display for precise voltage and current monitoring, along with overload and

reverse polarity protection to safeguard connected devices. Its solid design ensures long-term reliability in demanding environments.

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)

GPR6030 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	
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

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.