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Data Sheet
August 13, 2026

INSTEK/GW

GW Instek GPR-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 GPR6030D**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **GPR6030D**	LISTING **https://aumictechlabs.com/products/gpr6030d-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Instek GPR-6030D is a single output, 180W, DC power supply with a 0 ~ 60V/0 ~ 3A output range. The GPR series provides high regulation, low ripple, overload protection and high reliability. The GPR-6030D provides users with exceptional value by offering the most frequently demanded features in a bench power supply at a very reasonable price.

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)

GPR6030D 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

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AC power	100/120/220/240 V ±10%, 50/60 Hz
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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

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