

GPS-Series

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SALE CONTACT PRINT SHARE

Features

- Light and Compact Design
- 0.01% High Regulation
- Constant Voltage and Constant Current Operation
- Remote Control for External Programmability
- Internal Select for Continuous or Dynamic Load
- Low Ripple and Noise
- Overload and Reverse Polarity Protection
- Series or Parallel Operation
- Optional European Type Jack Terminal for GPS-3030/GPS-3030D/GPS-3030DD



Product Search

Compare

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Description

Specification

Accessories

Ordering Information

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FAQs

DC OUTPUT

	Output Volts (V)	Output Amps (A)
GPS-1850	0 ~ 18	0 ~ 5
GPS-3030	0 ~ 30	0 ~ 3
GPS-6010	0 ~ 60	0 ~ 1
GPS-1830D	0 ~ 18	0 ~ 3
GPS-1850D	0 ~ 18	0 ~ 5
GPS-3030D	0 ~ 30	0 ~ 3
GPS-3030DD	0 ~ 30	0 ~ 3

CONSTANT VOLTAGE OPERATION

Regulation	Line regulation 0.01% + 3mV Load regulation 0.01% + 3mV (rating current 3A) Load regulation 0.01% + 5mV (rating current > 3A)
Ripple & Noise	0.5mVrms 5Hz ~ 1MHz (rating current 3A) 1mVrms 5Hz ~ 1MHz (rating current > 3A)
Recovery Time	100μS (50% load change, minimum load 0.5A)
Temp. Coefficient	300ppm/°C
Output range	0 to rating voltage continuously adjustable

CONSTANT CURRENT OPERATION

Regulation	Line regulation 0.2% + 3mA Load regulation 0.2% + 3mA
Ripple Current	3mA _{rms}

Output Range	0 to rating current continuously adjustable (Hi/Lo range switchable)
METER	
Analog	V-meter and I-meter
	2.5 class
	Dimensions 50 x 50 mm
Digital	3 1 / 2 digital 0.5" LED display (3030D)
	3 1 / 2 digital 0.39" LED display (3030DD)
	Accuracy $\pm(0.5 \text{ of rdg} + 2 \text{ digits})$
INSULATION	
Chassis and Terminal	20M Ω or above (DC 500V)
Chassis and AC Cord	30M Ω or above (DC 500V)
POWER SOURCE	
	AC 100V/120V/220V/240V $\pm$ 10%, 50/60Hz
ACCESSORIES	
	User manual x 1 Power cord x 1 Test lead GTL-105 x 1 European test lead GTL-201A (optional)
DIMENSIONS & WEIGHT	
	128(W) x 145(H) x 285(D)mm Approx. 5kg

