

D.C. Power Supply

Patent No: 81011



GPC-HIGH (ANALOG TYPE)

- * Triple Output
- * Auto Tracking
- * Auto Series and Parallel Operation
- * Constant Voltage and Constant Current Operation
- * Low Ripple and Noise
- * Four Indicator Meters
- * Internal Select for Continuous or Dynamic Load
- * Overload and Reverse Polarity protection
- * 5V, 3A Fixed Output

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GPC-HIGH (DIGITAL TYPE)

- * Triple Output
- * Auto Tracking
- * Auto Series and Parallel Operation
- * Constant Voltage and Constant Current Operation
- * Low Ripple and Noise
- * Two Digital Panel Meters
- * Internal Select for Continuous or Dynamic Load
- * Overload and Reverse Polarity protection
- * 5V, 3A Fixed Output

SPECIFICATIONS

OPERATION MODE	Independent Series Parallel	Two independent outputs and 5V fixed output Output from 0 to rating volts and 0 to rating amperes Output from 0 to ± rating volts at rating amperes each Output from 0 to double rating volts at rating amperes Output from 0 to double rating amperes at rating volts
5V FIXED OUTPUT	Regulation Ripple & Noise Voltage Accuracy Output Current	Line regulation ≤ 5mV Load regulation ≤ 10mV ≤ 2mVrms 5V ± 0.25V 3A
TRACKING OPERATION	Tracking Error Series Regulation	≤ 0.5% + 10mV of the master ≤ 300mV
CONSTANT VOLTAGE OPERATION	Regulation Ripple & Noise Recovery Time	Line regulation ≤ 0.01% + 3mV Load regulation ≤ 0.01% + 5mV (rating current < 10A) ≤ 0.02% + 5mV (rating current ≥ 10A) ≤ 1mVrms 5Hz ~ 1MHz ≤ 100 mS (50% Load change, Minimum load 0.5A)
CONSTANT CURRENT OPERATION	Regulation Ripple Current	Line regulation ≤ 0.2% + 3mA Load regulation ≤ 0.2% + 3mA ≤ 3mA rms
METER	Analog Digital	V-meter and I-meter each two 2.5 class Dimension 50 x 50 mm 3 1/2 digits 0.5" LED display Accuracy ± (0.5% of rdg + 2 digits)
INSULATION	Chassis and Terminal Chassis and AC Cord	100MW or above (DC 1000V) 100MW or above (DC 1000V)
POWER SOURCE		AC 100V/120V/220V/240V ± 10%, 50/60Hz
ACCESSORIES		Power cord x 1, Instruction manual x 1 Test lead GTL-105 x 1 (≤ 3A), GTL-104 x 2 (≤ 10A)
DIMENSIONS		255(W) x 145(H) x 420(D) mm

	Model	Independent	Series	Parallel	Weight (kg)
Analog	GPC-6030	0 ~ 60V x 2 0 ~ 3A x 2	120V 3A	60V 6A	18.5
	GPC-3060	0 ~ 30V x 2 0 ~ 6A x 2	60V 6A	30V 12A	18.5
Digital	GPC-6030D	0 ~ 60V x 2 0 ~ 3A x 2	120V 3A	60V 6A	18.5
	GPC-3060D	0 ~ 30V x 2 0 ~ 6A x 2	60V 6A	30V 12A	18.5

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ISO-9001 & ISO-14001