

GPC3020A

D.C. Power Supply

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FEATURES

- * 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
- * Optional European Jack Type Terminal (Only GPC-3030)

GPC-3020/3030 (ANALOG TYPE)

SPECIFICATIONS

OPERATION MODE	Independent	Two independent outputs and 5V fixed output Output from 0 to rating volts and 0 to rating amperes
	Series	Output from 0 to \pm rating volts at rating amperes each
	Parallel	Output from 0 to double rating volts at rating amperes Output from 0 to double rating amperes at rating volts
5V FIXED OUTPUT	Regulation	Line regulation $\leq 5\text{mV}$ Load regulation $\leq 10\text{mV}$
	Ripple & Noise Voltage Accuracy Output Current	$\leq 2\text{mVrms}$ $5\text{V} \pm 0.25\text{V}$ 3A
TRACKING OPERATION	Tracking Error Series Regulation	$\leq 0.5\% + 10\text{mV}$ of the master $\leq 300\text{mV}$
CONSTANT VOLTAGE OPERATION	Regulation	Line regulation $\leq 0.01\% + 3\text{mV}$ Load regulation $\leq 0.01\% + 3\text{mV}$ (rating current $\leq 3\text{A}$) $\leq 0.02\% + 5\text{mV}$ (rating current $\leq 10\text{A}$)
	Ripple & Noise Recovery Time	$\leq 1\text{mVrms}$ 5Hz ~ 1MHz $\leq 100\mu\text{S}$ (50% Load change, Minimum load 0.5A)
CONSTANT CURRENT OPERATION	Regulation	Line regulation $\leq 0.2\% + 3\text{mA}$ Load regulation $\leq 0.2\% + 3\text{mA}$
	Ripple Current	$\leq 3\text{mA rms}$
METER	Analog	V-meter and I-meter each two 2.5 class Dimension 50 x 50 mm
INSULATION	Chassis and Terminal Chassis and AC Cord	20M Ω or above (DC 500V) 30M Ω or above (DC 500V)
POWER SOURCE		AC 100V/120V/220V/240V $\pm 10\%$, 50/60Hz
ACCESSORIES		Instruction manual x 1 , Power cord x 1 Test lead GTL-105 x 1 ($\leq 3\text{A}$), GTL-104 x 2 ($\leq 10\text{A}$) European GPC-3030 GTL-203 x 1, GTL-204 x 2
DIMENSIONS		255(W) x 145(H) x 346(D) mm

ORDERING INFORMATION

Model	Independent	Series	Parallel	Weight (kg)
GPC-3020 135W D.C. Power Supply	(0~30V/0~2A) x 2, (5V/3A MAX) x 1	60V 2A	30V 4A	11.5
GPC-3030 195W D.C. Power Supply	(0~30V/0~3A) x 2, (5V/3A MAX) x 1	60V 3A	30V 6A	11.5