

## D.C. Power Supply



### 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	$\leq 2\text{mVrms}$
	Voltage Accuracy Output Current	$5\text{V} \pm 0.25\text{V}$ 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	$20\text{M}\Omega$ or above ( DC 500V ) $30\text{M}\Omega$ 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