

DC Regulated Power Supply

GPS-3000 Series

GPS-3303S / GPS-3305S / GPS-3020S Single output DC power supply
 GPS-3303D / GPS-3306D / GPS-3603D Triple output DC power supply

The GPS-3000 Series are Single and Triple output, 60-600W linear DC Power Supply. The overload protection and output On/Off switch keep the unit and loads safe from unexpected conditions. High regulation and low ripple/noise are maintained at 0.01% and less than 1mV respectively. The GPS-3000 is the ideal solution for a light-weight, affordable unit, both in the laboratory and on the field, that produces high regulation and multiple outputs



GPS-3303D : 2 x 0-30V / 0-3A + 2.2-5.2V/1A
 GPS-3306D : 2 x 0-30V / 0-6A + 5V/3A fixed
 GPS-3603D : 2 x 0-60V / 0-3A + 5V/3A fixed

GPS-3303S : 0-30V / 0-3A
 GPS-3305S : 0-30V / 0-5A
 GPS-3020S : 0-30V / 0-20A

• Features

- Compact design uses less worktop space
- Independent digital voltage and current meters for each output
- DC Output switch (On/Off)
- Touch-proof safety terminals
- 0.01% Load and Line regulation
- Tracking Operation (GPS-3303D, GPS-3306D & GPS-3603D only)
- Constant Voltage (CV) or Constant Current (CC) operation





GPS-3000 Series

Specification:												
ModelNo.	GPS-3303D	GPS-3306D			GPS-3603D			GPS-3303S	GPS-3305S	GPS-3020S		
Max. PowerOutput	190 W	375 W			375 W			90 W	150 W	600 W		
OUTPUT MODE												
	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH1	CH1
Voltage	0 – 30V		2.2-5.2V	0 – 30V		5V	0 – 60V		5V	0 – 30V	0 – 30V	0 – 30V
Current	0-3A		1A max.	0-6A		3A	0-3A		3A	0-3A	0-5A	0-20A
Tracking Series Voltage	0-60V		---	0-60V		---	0-120V		---	---	---	---
Tracking Parallel Current	0-6A		---	0-12A		---	0-6A		---	---	---	---
CONSTANT VOLTAGE OPERATION (CH1, CH2)												
Line Regulation	≤ 0.01% + 3mV											
Load Regulation	≤ 0.01% + 3mV (rating current ≤ 3A)											
	≤ 0.02% + 3mV (rating current >3A)											
Ripple & Noise	≤ 1mVrms, 5Hz ~ 1MHz											
Recovery Time	≤ 100μs (50% Load change, Minimum load 0.5A)											
CONSTANT CURRENT OPERATION (CH1, CH2)												
Line Regulation	≤ 0.2% + 3mA											
Load Regulation	≤ 0.2% + 3mA											
Ripple & Noise	≤ 3mArms											
TRACKING OPERATION												
Tracking Error	≤ 0.5% + 10mV of the CH1											
Series Regulation	≤ 300mV											
Load Regulation	≤ 0.01% + 3mV											
Ripple & Noise	≤ 2mVrms, 5Hz ~ 1MHz											
	GPS-3303D 2.2V -5.2V OUTPUT (CH3); GPS-3306D and GPS-3603D 5V FIXED OUTPUT (CH3)											
Line Regulation	≤ 5mV											
Load Regulation	≤ 15mV											
Ripple & Noise	≤ 2mVrms, 5Hz-1MHz											
Current Output	GPS-3303D:1A, GPS-3306D and GPS-3603D:3A											
METER												
Digital	3 Digit 0.5" LED display Voltage Meter : Resolution: 100mV , Accuracy: 0.3% of reading Current Meter : Resolution: 10mA , Accuracy: 0.6% of reading											
INSULATION												
Chassis and terminal	≥ DC 500V/ 20MΩ											
Safety & EMC Standard	Complies with EN61010-1 and EN61326											
POWER SOURCE												
	AC 230V ± 10% , 50Hz											
ACCESSORIES												
	User manual x1 , Power cord x1											
DIMENSION & WEIGHT												
	280(L)x255(W)x145(H) Approx.: 7 Kg : GPS-3303D / GPS-3306D / GPS-3603D 260(L)x150(W)x145(H) Approx.:4 Kg : GPS-3303S & GPS-3305S 280(L)x255(W)x185(H) Approx.: 20Kg : GPS-3020S											

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