

Laboratory Symmetric Power Supply

Equipment designed in **linear technology** achieving a low noise level and high stability in the load.

All models of the GSD Series are made of high-quality and resistant materials to ensure excellent performance.



Independent 0-30Vdc / 0-5A
Parallel 0-30Vdc / 0-10A
Series 0-60Vdc / 0-5A
Trackin ±0-30Vdc / ±0-5A

Features

- △ Wide voltage margins
- △ Easy mode
- △ Four digital instruments show the voltage settings and simultaneously intensity
- △ Multiturn potentiometers with high accuracy
- △ Red LED indicator current limitation
- △ Green LED voltage indicator
- △ Output protection
 - Overload
 - Overvoltage
 - Short circuit
 - Ø 4mm safety terminals
- △ 3 Year warranty

Technical Specifications

MODEL		GSD305N
Power W		300W
INPUT		
Voltage		230VAC
Voltage range		207 ~ 253
Frequency		50Hz
OUTPUT		
Voltage range		±0-30VDC
Intensity		±0-5A
Load Regulation 0-100%		<5mV
Network Regulation ±10%		<1mV
Ripple		<3mVrms
2n Additional Output	Voltage	5VDC
	Current	1A
3r Additional Output	Voltage	12VDC
	Current	1A
INSTRUMENTS		
Digital Voltmeter 3½. resolution		100mV
Error measured total. Voltmeter		±200mV
Digital Ammeter 3½ resolution		10mA
Error measured total Ammeter		±20mA
PROTECTIONS		
Input protection		Fuse 5x20mm type F
Overcharge		Yes
Short-circuit		Yes
Against polarity inversion		Yes
Galvanic insulation		Yes
ENVIRONMENT		
Work temperature		0°C ~ +40°C
Stock temperature		-10°C ~ +50°C
Humidity		20 ~ 90% without condensation
Ventilation		Conventional
STANDARDS		
EMI		According EN55011, EN55022
Security		EN60950-1, UL60950-1
Immunity		According EN61000-4
Environment		RoHS, CE
CASE		
Case protection		IP 20
Weight Kg		12Kg
Size (Width x Height x Depth) mm		325x286x260mm

*On demand the input, output and power can be varied. Optionally other protections, controls and alarms can be incorporated