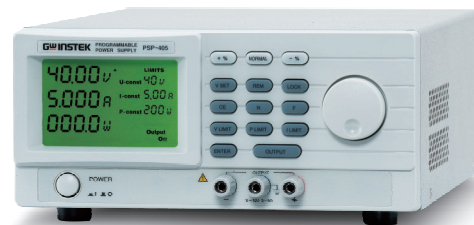


PSP-603/405/2010

Programmable Switching DC Power Supply



European Type Jack Terminal



Rear Panel

FEATURES

- * LCD Display
- * Output ON/OFF Control
- * 3 Step Fan Speed Control
- * Voltage/Current/Power Setting
- * Key Lock to Avoid Error Operation
- * Normal , +% & -% Output Operation Key
- * Standard Interface : RS-232C
- * Optional European Type Jack Terminal

The PSP-Series is a single output, 200 W, programmable switching DC power supply. OVL, OCL, OTP, and OPL protect the PSP-Series and its loads from unexpected conditions.

The PSP-Series has a large LCD panel with output and parameter views and a key lock feature to prevent changing the settings.

The PSP-Series is suitable for generic bench-top applications in laboratories and educational institutions.



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SPECIFICATIONS				
Model		PSP-603	PSP-405	PSP-2010
AC Input Voltage, VAC				
		115/230 VAC ±15 %		
AC Input Frequency, Hz				
		50/60 Hz		
AC Input Power, VA				
		Approx. 420 VA max.		
Output Power, Watt				
		200 W max.		
Output Power, Watt				
	Range	0 V to 60 V	0 V to 40 V	0 V to 20 V
	Resolution	20 mV	10 mV	10 mV
	Prog. Accuracy	± 0.05 % ± 9 digits ^{*1}	± 0.05 % ± 6 digits ^{*2}	± 0.05 % ± 3 digits
Output Current, ADC				
	Range	0 A to 3.5 A	0 A to 5 A	0 A to 10 A
	Resolution	2 mA	2 mA	5 mA
	Prog. Accuracy	± 0.1 % ± 5 digits	± 0.1 % ± 7 digits ^{*3}	± 0.3 % ± 10 digits
Voltage Load Regulation, mV				
		≤ 10 mV		
Current Load Regulation, mA				
		≤ 5 mA		
Voltage Line Regulation, %				
		≤ 0.05 %		
Current Line Regulation, %				
		≤ 0.05 %		
Ripple Voltage, mVrms				
		≤ 20 mV rms		
Ripple Current. mArms				
		≤ 10 mArms		
Readback Resolution (Meter)				
	Voltage	20 mV	10 mV	10 mV
	Current	2 mA	2 mA	5 mA
Response Time, ms				
	Rise Time	≤ 150 ms (≤ 95 % rating load)		
	Fall Time	≤ 150 ms (≥ 10 % rating load)		
Recovery Time, ms				
		30 ms (50 % Load Change, Minimum load 0.5 A)		
Readback Accuracy (Meter)				
	Voltage	± 0.05 % ± 9 digits ^{*1}	± 0.05 % ± 6 digits ^{*2}	± 0.05 % ± 3 digits
	Current	± 0.1 % ± 5 digits	± 0.1 % ± 7 digits ^{*3}	± 0.3 % ± 10 digits
Digital Display				
		Multi-line LCD with background lighting		
AC fuse, A/V				
		Slow-blow T6.3 A/250 V for 115 V, T3.15 A/250 V for 230 V		
Interface				
		RS-232C(Standard)		
Dimensions & Weight				
		225(W) mm x 100(H) mm x 305(D) mm ; Approx. 4 kg		

Note : *1. $\pm 0.05\% \pm 4$ digits (for S/N GE0141000 and prior); $\pm 0.05\% \pm 9$ digits (for S/N GE0141001 and later)

*2. $0.05\% \pm 3$ digits (for S/N GE0141000 and prior); $\pm 0.05\% \pm 6$ digits (for S/N GE0141001 and later)

*3. $\pm 0.1\% \pm 5$ digits (for S/N GE0141000 and prior); $\pm 0.1\% \pm 7$ digits (for S/N GE0141001 and later)

Specifications subject to change without notice.

PSP-Series_GD1DS

ORDERING INFORMATION	
PSP-603	200 W Programmable Switching DC Power Supply
PSP-405	200 W Programmable Switching DC Power Supply
PSP-2010	200 W Programmable Switching DC Power Supply
ACCESSORIES	
Power cord x 1, Test lead GTL-104A x 1, European test lead GTL-204A x 1	

OPTIONAL ACCESSORIES	
GTL-232A	RS-232C Cable
GRA-428	Rack Mount Kit, 19", 3U Size
FREE DOWNLOAD	
PC Software	RS-232C Remote Control Software

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Catalog

GW INSTEK
Simply Reliable