

# PROGRAMMABLE SWITCHING D.C. POWER SUPPLY



## PSP-Series



The PSP-Series is single output, 200W, programmable switching DC power supply OVP, OCP, OTP, and OPP protect PSP and loads from unexpected conditions. Large LCD panel with simultaneous output/parameter view, key lock feature for preventing improper use, and output power setting in addition to the standard voltage/current, provide comfortable operation. SCPI command set and Labview driver access through RS-232C interface provide remote control and ATE software development capability. The simple, safe, and inexpensive PSP-Series is suitable for generic bench-top applications in laboratories and educational institutions.

## FEATURES

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

## Rear Panel



SPECIFICATIONS			
OUTPUT			
Model	PSP-603	PSP-405	PSP-2010
Voltage	0 ~ 60V	0 ~ 40V	0 ~ 20V
Current	0 ~ 3.5A	0 ~ 5A	0 ~ 10A
VOLTAGE REGULATION			
Load	≤ 10mV	≤ 10mV	≤ 10mV
Line	≤ 0.05%	≤ 0.05%	≤ 0.05%
CURRENT REGULATION			
Load	≤ 5mA	≤ 5mA	≤ 5mA
Line	≤ 0.05%	≤ 0.05%	≤ 0.05%
RIPPLE			
Voltage (mVrms)	≤ 20mV	≤ 20mV	≤ 20mV
Current (mA rms)	≤ 10mA	≤ 10mA	≤ 10mA
RESOLUTION			
Voltage	20mV	10mV	10mV
Current	2mA	2mA	5mA
PROGRAM ACCURACY			
Voltage	± 0.05%rdg ± 4digits	± 0.05%rdg ± 3digits	± 0.05%rdg ± 3digits
Current	± 0.1%rdg + 5digits	± 0.1%rdg + 5digits	± 0.3%rdg + 10digits
READBCK (METER) RESOLUTION			
Voltage	As Resolution	As Resolution	As Resolution
Current	As Resolution	As Resolution	As Resolution
READBCK (METER) ACCURACY			
Voltage	As Program Accuracy	As Program Accuracy	As Program Accuracy
Current	As Program Accuracy	As Program Accuracy	As Program Accuracy
PROTECTION			
OVP/OCP/OPP/OTP	✓	✓	✓
OUTPUT ON/OFF CONTROL			
	✓	✓	✓
DISPLAY			
LCD			
INTERFACE (STANDARD)			
RS-232C			
POWER SOURCE			
AC 115V±10% , AC 230V±15%, 50/60Hz			
DIMENSIONS & WEIGHT			
225(W) x 100(H) x 305(D) mm ; Approx. 4kg			

ORDERING INFORMATION	
<b>PSP-603</b>	200W Programmable Switching DC Power Supply
<b>PSP-405</b>	200W Programmable Switching DC Power Supply
<b>PSP-2010</b>	200W Programmable Switching DC Power Supply
ACCESSORIES :	
User manual x 1, Power cord x 1, Test lead GTL-104 x 1 , European test lead GTL-204 x 1	
Optional Accessories	
<b>GTL-232</b>	RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer
<b>GTL-232A</b>	RS-232C Cable