



## 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

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

## Rear Panel



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	
<b>Optional Accessories</b>	
<b>GTL-232</b>	RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer
<b>GTL-232A</b>	RS-232C Cable