

# PROGRAMMABLE SWITCHING D.C. POWER SUPPLY



## PSP-603/405/2010



### 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 are single output, 200W, programmable switching DC power supplies. OVP, OCP, OTP, and OPP protect the PSP-Series and its loads from unexpected conditions. The PSP-Series have large a 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.

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 (mArms)</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>	Same as Resolution	Same as Resolution	Same as Resolution
<b>Current</b>	Same as Resolution	Same as Resolution	Same as Resolution
<b>READBACK (METER) ACCURACY</b>			
<b>Voltage</b>	Same as Program Accuracy	Same as Program Accuracy	Same as Program Accuracy
<b>Current</b>	Same as Program Accuracy	Same as Program Accuracy	Same 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-232A</b>	RS-232C Cable
<b>FREE DOWNLOAD</b>	
<b>PC Software</b>	RS-232 Remote Control Software