Programmable Switching D.C. Power Supply



The PSP-Series is single output, 200W, programmable switching DC power supplies. 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.

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

European Type Jack 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 (mArms)	≤ 20mV ≤ 10mA	\leq 20mV \leq 10mA	≤ 20mV ≤ 10mA
RESOLUTION	-		-
Voltage	20mV	10mV	10mV
Current	2mA	2mA	5mA
PROGRAM ACCURACY			
Voltage	<u>+</u> 0.05%rdg <u>+</u> 4digits	<u>+</u> 0.05%rdg <u>+</u> 3digits	<u>+</u> 0.05%rdg <u>+</u> 3digits
Current	<u>+</u> 0.1%rdg + 5digits	<u>+</u> 0.1%rdg + 5digits	± 0.3%rdg + 10digits
READBACK (METER) RESOLUT	ON		
Voltage	Same as Resolution	Same as Resolution	Same as Resolution
Current	Same as Resolution	Same as Resolution	Same as Resolution
READBACK (METER) ACCURAC	Y		T
Voltage	Same as Program Accuracy	Same as Program Accuracy	Same as Program Accuracy
Current	Same as Program Accuracy	Same as Program Accuracy	Same as Program Accuracy
PROTECTION		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
OVL/OCL/OPL/OTP		V	V
OUTPUT ON/OFF CONTROL	V	V	
DISPLAY	V	V	V
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; App	orox. 4kg		

ORDERING INFORMATION

PSP-603 200W Programmable Switching DC Power Supply
PSP-405 200W Programmable Switching DC Power Supply
PSP-2010 200W Programmable Switching DC Power Supply

ACCESSORIES:

User manual x 1, Power cord x 1, Test lead GTL-104A x 1 , European test lead GTL-204A x 1

OPTIONAL ACCESSORIES

GTL-232A RS-232C Cable

FREE DOWNLOAD

PC Software RS-232C Remote Control Software