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

CE | RS-232 | PC Software

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	$\leq$ 10mV	$\leq$ 10mV	$\leq$ 10mV
Line	$\leq$ 0.05%	$\leq$ 0.05%	$\leq$ 0.05%

CURRENT REGULATION

Load	$\leq$ 5mA	$\leq$ 5mA	$\leq$ 5mA
Line	$\leq$ 0.05%	$\leq$ 0.05%	$\leq$ 0.05%

RIPPLE

Voltage (mVrms)	$\leq$ 20mV	$\leq$ 20mV	$\leq$ 20mV
Current (mArms)	$\leq$ 10mA	$\leq$ 10mA	$\leq$ 10mA

RESOLUTION

Voltage	20mV	10mV	10mV
Current	2mA	2mA	5mA

PROGRAM ACCURACY

Voltage	$\pm$ 0.05%rdg $\pm$ 4digits	$\pm$ 0.05%rdg $\pm$ 3digits	$\pm$ 0.05%rdg $\pm$ 3digits
Current	$\pm$ 0.1%rdg + 5digits	$\pm$ 0.1%rdg + 5digits	$\pm$ 0.3%rdg + 10digits

READBACK (METER) RESOLUTION

Voltage	Same as Resolution	Same as Resolution	Same as Resolution
Current	Same as Resolution	Same as Resolution	Same as Resolution

READBACK (METER) ACCURACY

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	∨	∨	∨

OUTPUT ON/OFF CONTROL

	∨	∨	∨

DISPLAY
LCD

INTERFACE (STANDARD)
RS-232C

POWER SOURCE
AC 115V $\pm$ 10% , AC 230V $\pm$ 15%, 50/60Hz

DIMENSIONS & WEIGHT
225(W) x 100(H) x 305(D) mm ; Approx. 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

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