

Datasheet

Programmable Switching D.C. Power Supply

Stock No. : Model :

123-3571 **IPS-603**

123-3570 **IPS-405**

123-3569 **IPS-2010**



The IPS-Series is single output, 200W, programmable switching DC power supplies. OVL, OCL, OTP, and OPL protect the IPS-Series and its loads from unexpected conditions. The IPS-Series has a large LCD panel with output and parameter views and a key lock feature to prevent changing the settings. The IPS-Series is suitable for generic bench-top applications in laboratories and educational institutions.

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

Rear Panel



SPECIFICATIONS			
OUTPUT			
Model	IPS-603	IPS-405	IPS-2010
Voltage	0 ~ 60V	0 ~ 40V	0 ~ 20V
Current	0 ~ 3.5A	0 ~ 5A	0 ~ 10A
VOLTAGE REGULATION			
Load	$\leq 10\text{mV}$	$\leq 10\text{mV}$	$\leq 10\text{mV}$
Line	$\leq 0.05\%$	$\leq 0.05\%$	$\leq 0.05\%$
CURRENT REGULATION			
Load	$\leq 5\text{mA}$	$\leq 5\text{mA}$	$\leq 5\text{mA}$
Line	$\leq 0.05\%$	$\leq 0.05\%$	$\leq 0.05\%$
RIPPLE			
Voltage (mVrms)	$\leq 20\text{mV}$	$\leq 20\text{mV}$	$\leq 20\text{mV}$
Current (mA rms)	$\leq 10\text{mA}$	$\leq 10\text{mA}$	$\leq 10\text{mA}$
RESOLUTION			
Voltage	20mV	10mV	10mV
Current	2mA	2mA	5mA
PROGRAM ACCURACY			
Voltage	$\pm 0.05\%\text{rdg} \pm 4\text{digits}$	$\pm 0.05\%\text{rdg} \pm 3\text{digits}$	$\pm 0.05\%\text{rdg} \pm 3\text{digits}$
Current	$\pm 0.1\%\text{rdg} + 5\text{digits}$	$\pm 0.1\%\text{rdg} + 5\text{digits}$	$\pm 0.3\%\text{rdg} + 10\text{digits}$
READBCK (METER) RESOLUTION			
Voltage	Same as Resolution	Same as Resolution	Same as Resolution
Current	Same as Resolution	Same as Resolution	Same as Resolution
READBCK (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			

Specifications subject to change without notice.

ORDERING INFORMATION		OPTIONAL ASSESSORIES	
IPS-603	200W Programmable Switching DC Power Supply	GTL-232A	RS-232C Cable
IPS-405	200W Programmable Switching DC Power Supply		
IPS-2010	200W Programmable Switching DC Power Supply		
ACCESSORIES		FREE DOWNLOAD	
User manual x 1, Power cord x 1, Test lead GTL-104A x 1, European test lead GTL-204A x 1		PC Software	RS-232C Remote Control Software