

Programmable DC Power Supply Series /Provide two completely separate power output/

Introduction

Except the high stability of traditional Programmable DC Power Supply, LPP-3025T, linear programmable DC Power Supply Series support USB PC Link and two completely separate power output. With the various characteristics, LPP-3025T is the best choice for power supply certainly.

With the functions of the power supply of LPP-3025T, it provides two completely separate power output which is able for series and parallel functions. It can be easily distinguished the difference from general models on the market of positive / ground / negative output. In addition, LPP-3025T also support low-voltage digital circuit, able to switch voltage among 1.8V~5.0V. With its characteristics of stability and high-speed twinkling reaction, LPP-3025T provides high quality operation at very attractive price.



- Standard Accessories**
- Main Unit.....X1
 - CD-ROM.....X1
(Driver and User Manual are included)
 - USB cable.....X1
 - AC power cord.....X1
 - DC Output Cable X3
- Optional Accessories**
- Dc Output Cable

Features

- Provide two completely separate power output. Let user obtain higher voltage & current and positive & negative voltage applications by using series & parallel connection.
- Support low-voltage digital circuit : Provide fixed power output and able to switch voltage among 1.8V~5.0V.
- OVP (Over voltage protection) / OCP (Over current protection) functions: Provide the setting for protective voltage and current value for each programmable output.
- V.Set Limit function: provide the limit of the maximum voltage setting.
- Rotary encoder/ Panel Keypads Lock function: It restricts in operating only for OUTPUT ON/OFF and unable to change the voltage and current setting.
- Supply high resolution of V (voltage) / I (current) for measurement : the resolution of V (voltage) / I (current) supports up to 10mV/1mA.
- Store memory: able to store 10 memories for setting OCP, OVP, V.Set Limit and V (voltage) / I (current).
- USB Interface: provide PC-Link driver to be able to write the control programs, save data and PC-remote with easy command text format.

Simple Specification

Operating Temperature	0°C ~ 45°C
AC in	110V/220V ; 60Hz/50Hz
Programmable DC Output Ratings	
Voltage	0.1V~30V(Max:30.99V)
Current	0.01A~2.5A(Max:3.000A)
Fixed Output Ratings	
Voltage	OFF/1.8V/2.5V/3.0V/3.3V/5.0V
Current	~3A
Ripple and Noise(20Hz~20MHz)	
Voltage	≤1mVrms/8mVp-p
Current	≤2mArms/10mA p-p

Series Model

Model Number	Programmable Output	Resolution	Fixed Output	Output Watt
LPP-3025T	30V,2.5A (Dual Output)	10mV, 1mA	1.8V~5.0V,3A	165W
mPP-3040D	30V,4.0A (Dual Output)	1mV, 1mA	1.5V~5.0V,3A	135W
mPP-3035T	30V,3.5A (Dual Output)	1mV, 1mA	1.5V~5.0V,3A	225W
mPP-6020T	60V,2.0A (Dual Output)	2mV, 1mA	1.5V~5.0V,3A	255W

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LPP-3025T Programmable dc Power Supply Specifications

Output

Maximum Number	165W	
# of Output	3 sets (2 of Programmable Output ;1 of Fixed Output)	
Output Ratings	Programmable Output	Fixed Output
Voltage	0.1V~30V (Dual Output)	OFF/1.8V/2.5V/3.0V/3.3V/5.0V
Current	0.01A~2.5A (Dual Output)	~3A
Maximum Output Voltage	30V+0.99V (Dual Output)	5V
Maximum Output Current	2.5A+0.5A (Dual Output)	3.3A
Resolution Programming		
Voltage	10mV	-
Current	1mA	-
Load and Line Regulation		
Voltage	Load: $\leq 0.02\% + 3\text{mV}$ Line: $\leq 0.02\% + 3\text{mV}$	-
Current	Load: $\leq 0.02\% + 5\text{mA}$ Line: $\leq 0.02\% + 10\text{mA}$	-
Accuracy		
Voltage	$\leq 0.05\% + 10\text{mV}$	-
Current	$\leq 0.2\% + 10\text{mA}$	-
Ripple and Noise(20Hz~20MHz)		
Voltage	$\leq 1\text{mVrms}/8\text{mVp-p}$	$\leq 1.5\text{mVrms}/15\text{mVp-p}$
Current	$\leq 2\text{mArms}/10\text{mA p-p}$	-
Stability(8hrs)		
Voltage	$\leq 0.3\% + 3\text{mV}$	-
Current	$\leq 0.2\% + 2\text{mA}$	-

Temperature

Operating Temperature	0°C ~ 45°C	
Temperature Coefficient per°C (% output + offset)		
Voltage	$\leq 200\text{ppm}/^\circ\text{C}$	
Current	$\leq 0.3\% + 5\text{mA}$	

Other

Protection	OVP、OCP
Output Model	C.V、C.C
Output/Input Interface	USB
Memory	Store/Recall Point1~10
AC Power	110V/220V ; 60Hz/50Hz
Warranty	1 year

Dimension

W x H x D	225mm x 310mm x 100mm
Net Weight	6.0 kg

