

## 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 Set.....X3

### Optional Accessories

- Dc Output Cable Set

### 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/10mAp-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 (Single 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

## Leaptronix®

More product information

URL [www.leaptronix.com.tw](http://www.leaptronix.com.tw)

TEL:+886-2-2999-1860#15 Lillian

E-mail: [lillian@leap.com.tw](mailto:lillian@leap.com.tw)

# 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:≤0.02%+3mV Line:≤0.02%+3mV	-
Current	Load:≤0.02%+5mA Line:≤0.02%+10mA	-
Accuracy		
Voltage	≤0.05%+10mV	-
Current	≤0.2%+10mA	-
Ripple and Noise(20Hz~20MHz)		
Voltage	≤1mVrms/8mVp-p	≤1.5mVrms/15mVp-p
Current	≤2mArms/10mA p-p	-
Stability(8hrs)		
Voltage	≤0.3%+3mV	-
Current	≤0.2%+2mA	-

## Temperature

Operating Temperature	0°C ~45°C	
Temperature Coefficient per°C (% output + offset)		
Voltage	≤200ppm/°C	
Current	≤0.3%+5mA	

## Other

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

## Dimension

W x H x D	22.5cm x 31cm x 10cm
Net Weight	6.0 kg

