

# mPB-3040Q

## Multi Channels Programmable Power Supply Series

### Introduction

The mPB Series(Multi Programmable Power Supply) provides the functions of easy to control the voltage and current of each output and able to read the current consumption at anytime via USB and PC connection. In the meanwhile, it is the best choice for establishing the testing station in the production line or collocating with other precision instruments or precision burn-in system associating with the standard 19" cabinets.



### Standard Accessories

Main unit.....x1  
AC power cord.....x1  
DC output cable.....x4  
USB cable.....x1

### Features

- **Supply high resolution V, I for measurement:** The resolution of V (voltage)/ I (current) supports up to 1m V/1mA, which provides more accurate measurement in circuit design, verification and quality test.
- **Provide quadruple programmable power output:** Let users obtain higher voltage & current and positive & negative voltage applications by using series & parallel connection.
- **Remote control with USB interface:** Provide USB interface to offer PC-Link function to let users be convenient to control program writing, data saving and PC-Remote.
- **Completely extending function:** Single PC can connect to multi mPB series to extend more sets of power supply via USB interface.
- **Use easy command text format to write control programs:** Provide multi functions for on/off, limit of output voltage and current, and the current consumption for voltage and current.
- **Adopt standard 19" cabinet & the 3U height:** Users can combine testing equipments according to the demands.

### Specification

Output DC Power Range	Voltage : 0.01V~30V (up to 30.999V)
	Current : 0.01A~4A
High Resolution Current	Voltage : 1mV
	Current : 1mA
Ripple and Noise (20Hz~20MHz)	C.V Voltage : <1mArms/5m Vp-p
	C.V Current : <2mArms/6m Ap-p
4 Independent programmable output	Series connection (Output voltage up to 30V x 4)
model able to provide series connection	Parallel connection (Output current up to 4A x 4)
AC-IN	220V/50Hz
Communication	USB
Dimension	43cm x 56cm x 13cm
Weight	17.5 Kg
Operating Temperature	0°C~45°C