

Lively 300V/ 500V/ 3AP Power Supply

MP-310
MP-510
MP-320

Major Science offers 3 models of power supplies constructed with microprocessor controller and 4 pairs of outlet terminals which covers the broadest range of application in general laboratory. The microprocessor control can perform either continuous or timed output, and user is able to pause and resume anytime without resetting the timer.

MS Lively Power Supply is power enough to perform horizontal and vertical electrophoresis as well as two dimensional electrophoresis SDS-PAGE applications. In addition, it can operate with a fully programmable mode and offer up to 6 multi-step setting conditions. The 2.4" TFT-LCD colored screen also allows you to see all the running/setting conditions while operating. For those beginners in electrophoresis, the built-in data for some typical running condition could be extremely helpful. All 3 models are designed with great safety features to ensure safety of the lab and experiment.



MP-310



MP-510



MP-320



Features

- Four pairs of output terminals
- 2.4" TFT-LCD colored screen shows all parameters during operation
- Timer with alarm function
- Compact size with stackable case
- Constant voltage/ current/ power operation mode
- Typical running condition helps electrophoresis beginner
- Wide application for DNA, RNA and protein electrophoresis and blotting
- Advanced safety device design
- Universal rated voltage for worldwide distributions

Specifications

Cat. No.	MP-310	MP-320	MP-510
Output Voltage / Inc.	5 - 300V / 1V	5 - 300 / 1V	5 - 500 / 1V
Output Current / Inc.	1 - 700mA / 1mA	10 - 3,000mA / 10mA	1 - 800mA / 10mA
Power	Output: 150W; Input: 200W	300W	300W
Rated Voltage	100-240V~; 47-60Hz	100-240V~; 47-60Hz	100-240V~; 47-60Hz
Type Of Output	1. Voltage or Current with automatic crossover 2. When target constant mode is set, system automatically adjusts the two other parameter to maximum to allow constant run (later could be changed by user)		
Program Storage	30 programmed files		
Program Multi-Step	Up to 6 steps		
Editable Program Function	1. Typical running conditions program 2. Manual editable program		
Display	2.4" TFT		
Control	Microprocessor controller		
Safety Device	No Load detect		
	Leakage detect		
	Over temperature protection		
	Over load detection		
	Sudden load change detection (could be enabled by proper setting)		
Timer	Shrouded plugs and sockets		
	Constant: 9999 (min) with alarm / continuous Program: 999 (min) with alarm / continuous		
Crossover	YES		
Stackable	YES		
Automatic Recovery After Power Failure	YES		
Operating Temperature	4°C- 40°C		
Construction Material	PC housing and flame retardant ABS faceplate		
Dimension (WxLxH)	Approx. 8.5"x13.2"x4.1" (215x335x104mm)		
Weight	Approx. 4.6lb (2.1kg)		

Ordering Information

Cat. No.	Product Description
MP-310	Lively 300V Power Supply
MP-320	Lively 3AP Power Supply
MP-510	Lively 500V Power Supply



Four pairs of outlet terminals



Stackable case