



# MS Power Supply

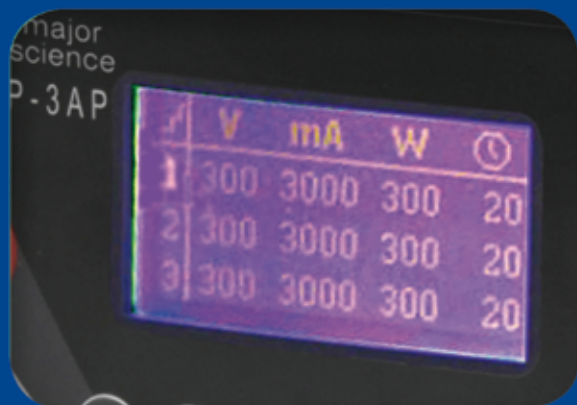
# MS 300V /500V/3AP Power Supply

MP-300V

MP-500V

MP-3AP

Major Science offers 3 models of power supplies constructed with microprocessor controller with 4 pairs of outlet terminals which covers the broadest range of applications in general laboratory. The microprocessor control offers easy-to-use operation on constant voltage, current and power while maintaining the pause/resume capability during timed or continuous operation. MP 300 V is powerful enough to perform horizontal and vertical electrophoresis as well as two-dimensional electrophoresis SDS-PAGE applications. Whereas MP 500 V and MP 3AP operate with a fully programmable mode and offering up to 6 multi-step setting conditions, the 2.6" LCD screen also allows you to see all the running/setting conditions while operating. All 3 models consist the great safety features ensure the safety of the lab and experiment.



## Features

- Four pairs of outlet terminals
- Timer with alarm function
- 2.6" LCD screen shows all parameters during operation run (MP-500V and MP-3AP)
- Constant voltage/current operation mode (MP-300V)
- Constant voltage/current/power operation mode (MP-500V and MP-3AP)
- Compact size with stackable case
- Wide applications for DNA, RNA and protein electrophoresis and blotting
- Advanced safety device design
- Universal rated voltage for worldwide distribution



MP-300V



MP-500V



MP-3AP

## Specification

Cat. No.	MP-300V	MP-500V	MP-3AP
Display	LED	2.6"LCD	
Output Voltage / Inc.	2 - 300 V / 1 V	5 - 500 V / 1 V	5 - 300 V / 1 V
Output Current / Inc.	1 - 700 mA / 1 mA	1 - 800 mA / 1 mA	10 - 3000 mA / 10 mA
Output Power / Inc.	150W	300 W / 1 W	
Output Type	Constant voltage / current	Constant voltage / current / power	
Controller	Microprocessor controller		
Program Storage	N / A	30 programmed files	
Program Multi-Step	N / A	Up to 6 steps	
Terminal Pairs	4 Pairs		
Timer	Constant mode: 1~9999 minutes with alarm, continuous		
	N / A	Programmable mode: 1~999 minutes with alarm, continuous	
Pause Function	Yes		
Safety Device	No load detection		
	Leakage detection		
	Sudden load change detection		
	Over temperature protection		
	Overload detection		
	Shrouded plug and sockets		
Crossover	Yes		
Operation Temperature	4°C to 40°C		
Unit Dimension	(W x L x H) 7.48" x 12.0" x 3.74" (190 x 305 x 95 mm)		
Construction Material	Flame retardant ABS plates and aluminum		
Weight	Approx. 5.5 lb (2.5 kg)		
Rated Voltage	100 V - 240 V		
Stackable	Yes		

## Ordering Information

Cat. No.	Product Description
MP-300V	MS 300V Power Supply
MP-500V	MS 500V Power Supply
MP-3AP	MS 3AP Power Supply



Four pairs of outlet terminals



Stackable case



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