

Power Supply

AE-8135 myPower II 300

AE-8155 myPower II 500



- Small, compact electrophoresis power supplies
- Low-cost, high-tech power source for your own
- Minimal lab space with a slim body
- Achieves a small size, light weight, and low cost
- Power source equipment that is compact and yet maintains performance/features

[2311175] AE-8135 myPower II 300, 110V
 [2311177] AE-8135 myPower II 300, 230V
 [2311185] AE-8155 myPower II 500, 110V
 [2311187] AE-8155 myPower II 500, 230V

*Output of less than 1 mA is also possible for the AE-8135/8155 depending on settings.

Applications

AE-8135 myPower II 300: For agarose gel electrophoresis, semi-dry blotting, etc.

AE-8155 myPower II 500: For slab/minislab-size electrophoresis, PAGE, IEF electrophoresis, etc.

Name	AE-8135 myPower II 300	AE-8155 myPower II 500
Constant output	1 - 300 VDC in 1V steps 1 - 400 mA in 1 mA steps Automatic crossover	1 - 500 VDC in 1V steps 1 - 200 mA in 1 mA steps Automatic crossover
Maximum output	50 W	25 W
Output ripple	Less than 15 V (peak to peak) at 300V, 50 VA	Less than 15 V (peak to peak) at 500V, 25 VA
Output noise	Less than 1 V (Peak to peak)	
Meter accuracy	1% FS \pm 1 digit or better	
Timed output	1 to 999 minutes setting in 1 minute steps with alarm buzzer, or melody	
Display	LED 3 digits x 2 1 line for voltage, 1 line for current and time, selectable	
Safety protection	Automatic output shutdown, against short or open circuit, with alarm buzzer	
Power outlet	2 pairs in parallel	
Power requirement	90 - 117 VAC, 50/60 Hz, 70 VA 220 - 240 VAC, 50/60Hz, 70 VA	90 - 117 VAC, 50/60 Hz, 40 VA 220 - 240 VAC, 50/60Hz, 40 VA

AE-8450 power Station 1000VC

AE-8750 power Station 1000XP



[2311151] AE-8450 powerStation 1000VC, 110V
 [2311152] AE-8450 powerStation 1000VC, 230V
 [2311154] AE-8750 powerStation 1000XP, 110V
 [2311155] AE-8750 powerStation 1000XP, 230V

- Powerful with a slim body (maximum voltage 1000V, maximum current 500 mA)
- Supports diverse needs
- For a variety of purposes such as all-size PAGE, IEF electrophoresis (AE-8750), semi-dry blotting, horizontal agarose gel electrophoresis and so on.

Name	AE-8450 Power Station 1000VC	AE-8750 Power Station 1000XP
Output	Constant voltage or current with automatic crossover	Constant voltage, current, or wattage, with automatic crossover
Output range / setting steps	10 to 1000 VDC in 5 V steps 4 to 500 mA in 2 mA steps Output limited to 200 W	5 to 1000 VDC in 5 V steps 1 to 20 mA in 1 mA steps + 20 to 500 mA in 2 mA steps 0.1 to 20.0 W in 0.1 W steps + 20 to 200 W in 1 W steps Output limited to 200 W
Meter accuracy	V: 1% FS \pm 5digit / C: \pm 2digi	1% FS \pm 1 digit
Output time	1 to 1000 minutes with timer/	1 to 1000 minutes with timer/ 1 to 9999 Vh/ continuous
Programmable condition	Voltage, current, and time continuous	Voltage, current, wattage, and time or Vh
Display	4 digit LED x 1	
Program strage	Up to 10 files	Up to 10 independent files and up to 10 sequential files
Vh integrator	None	1 - 9999 Vh
Power outlet	4 pairs in parallel	
Power requirement	100 - 115 VAC or 200 - 240 VAC, 50/60Hz, 350 VA	
Dimensions	96 (W) x 341 (D) x 195 (H) mm, 2.6 kg	