

DW-E Series Universal Power Supply

DW-E series universal power supply include 10 models, the maximum output voltage varies from 200V to 10000V, can widely cover most electrophoresis experiments, DRAWELL can provide different types of power supplies for experiments with different uses.

DW-E series universal power supply is based on the DW-C series universal power supply on the optimization of control program, expansion the product function, which simplifies the operation, and greatly improve the performance of the electrophoresis power supply.



Stackable
Chassis Design



Low noise,
Strong radiator
Fan



Embedded
Power Jacks

Features

1. Molding shell, touch keys, dual core microprocessor intelligent control.
2. 0-9 digital button, easy and convenient to operate.
3. Indicate the preset value and the actual output value at the same time.
4. Can store 100 electrophoresis methods.
5. Automatic memory function.
6. Step-by-step control function (editable 10 groups, each group of up to make 10 program automatic connection operation).
7. Pause control function (including real-time tuning)
8. Standard, timing, V-hr, step-by-step operation function.
9. Constant voltage, constant current, constant power, misoperation, fault and other warning functions.



Parameters

Model	DW300E	DW600E	DW1000E
Voltage range	5~300 V	10~600 V	30~1000 V
Current range	1~400 mA	1~500 mA	1~500 mA
Power range	1~120 W	1~300 W	1~300 W
Type of control	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P
Display type	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight
Output jack	Lour sets	Lour sets	Lour sets
Storage function	Store 100 methods	Store 100 methods	Store 100 methods
Programming method	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps
Timing function	1min-99h59min	1min-99h59min	1min-99h59min
V-hr function	Yes, 1~99999 V-hr	Yes, 1~99999 V-hr	Yes, 1~99999 V-hr
Pause control function	Yes	Yes	Yes
Power recovery function	Optional	Optional	Optional
Automatic memory function	Yes	Yes	Yes
Automatic shutdown function	Yes	Yes	Yes
Intelligent prompt functions	Yes	Yes	Yes
Non-proliferation field function	Optional	Optional	Optional
Temperature detection function	No	No	No
Safety performance	Yes	Yes	Yes
Molding machine casing	Yes	Yes	No
Dimension (LxWxH)	280×237×118(mm)	280×237×118(mm)	263×275×125(mm)
Weight	3.2 kg	3.2 kg	4.6kg

Model	DW-600HE	DW-300HE	DW-200E
Voltage range	5~600 V	0~300V	5~200 V
Current range	1~1000 mA	1~1500mA	1~2000 mA
Power range	1~300 W	1~450W	1~200W
Type of control	Constant V Constant I and Constant P		
Display type	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight
Output jack	Four sets	Four sets	Four sets
Storage function	Store 100 methods	Store 100 methods	Store 100 methods
Programming method	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps
Timing function	1min-99h59min	1min-99h59min	1min-99h59min
V-hr function	Yes,1~99999 V-hr	Yes,1~99999 V-hr	Yes,1~99999 V-hr
Pause control function	Yes	Yes	Yes
Power recovery function	Optional	Optional	Optional
Automatic memory function	Yes	Yes	Yes
Automatic shutdown function	Yes	Yes	Yes
Intelligent prompt functions	Yes	Yes	Yes
Non-proliferation field function	Optiona	Optional	Optional
Temperature detection function	No	No	No
Safety performance	Yes	Yes	Yes
Molding machine casing	No	Yes	Yes
Dimension (LxWxH)	263×275×125(mm)	280280×237x118(mm)	280×237×118(mm)
Weight	4.4 kg	3.2 kg	3.2 kg

Model	DW-1600E	DW-3000E	DW-5000E	DW-10000E
Voltage range	10~1600V	20~3000V	20~5000V	20~10000 V
Current range	1~200mA	1~400 mA	~200 mA	~3500μA
Power range	1~320W	1~400 W	1 ~ 100 W	1~35 W
Type of control	Constant V,Constant I and Constant P	Constant V,Constant I and Constant P	Constant V,Constant I and Constant P	Constant V,Constant I and Constant P
Display type	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight
Output jack	Four sets	Four sets	Two sets	Two sets
Storage function	Store 100 methods	Store 100 methods	Store 100 methods	store 100 methods
Programming method	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps	Can store 10 methods each up to 10 steps	each up to 10 steps
Timing function	1min-99h59min	1min-99h59min	1min-99h59min	1min-99h59min
V-hr function	Yes,1~99999 V-hr	Yes,1~99999 V-hr	Yes,1~99999 V-hr	Yes,1~99999 V-hr
Pause control function	Yes	Yes	Yes	Yes
Power recovery function	Optional	Optional	Optional	Optiona
Automatic memory function	Yes	Yes	Yes	Yes
Automatic shutdown function	Yes	Yes	Yes	Yes
Intelligent prompt functions	Yes	Yes	Yes	Yes
Non-proliferation field function	Optional	Optiona	Optional	Optiona
Temperature detection function	No	No	Yes	Yes
Safety performance	Yes	Yes	Yes	Yes
Molding machine casing	No	No	No	No
Dimension (LxWxH)	263×275×125(mm)	263×275×125(mm)	368×255×133(mm)	370×255×133 (mm)
Weight	4.4 kg	4.8 kg	10.6kg	12.0 kg