



## Universal Power Supply DS-E series



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**Darsun**Scientific

# Darsun Scientific

## Universal Power Supply

### DS-E series



#### Product Features

- Molding shell, touch keys, dual core microprocessor intelligent control;
- 0-9 digital button, easy and convenient to operate;
- Indicate the preset value and the actual output value at the same time;
- Can store 100 electrophoresis methods;
- Automatic memory function;
- Step-by-step control function (editable 10 groups, each group of up to make 10 program automatic connection operation);
- Pause control function (including real-time tuning)
- Standard, timing, V-hr, step-by-step operation function;
- Constant voltage, constant current, constant power, mis operation, fault and other warning functions;
- Automatic detection of no-load, over-load, short circuit, rapid resistance change, ground leak and system overheating

#### Product Overview

DS-E series universal power supply comprise 10 models, including: DS200E, DS300E, DS300HE, DS600E, 600HE, DSI000E, DSI600E, DS3000E, DS5000E, DSI0000E, the maximum output voltage varies from 200V to 10000V, can widely cover most electrophoresis experiments, darsun can provide different types of power supplies for experiments with different uses.

DS-E series universal power supply is based on the DS-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.

Type of Output: Constant voltage, constant current or constant power Increment: 1V, 1mA, 1W

Timing Range: 1min-99hr, S9min

V-hr Range: 1-99999V-hr/ Increment IV-hr

Display: LCD display with backlight

Output jacks: Four sets of output jacks

Model	DS200E	DS300E	DS300HE	DS600E	DS600HE
Voltage Range (V)	5~200	5~300	10~300	10~600	5~600
Current Range (mA)	1~2000	1~400	1~500	1~500	1~1000
Power Range (W)	1~200	1~120	1~450	1~300	1~300
Type of Control	Constant V, Constant I, Constant P				
Display Type	LCD screen with backlight				
Output Jack	Four sets				
Storage Function	Store 100 methods				
Programming Method	Can store 10 methods, each up to 10 steps				
Timing Function	1 min – 99h 59min				
V+hr Function	Yes, 1-99999 V-hr				
Pause Control Function	Yes				
Power Recovery Function	Optional				
Automatic Memory Function	Yes				
Automatic Shutdown Function	Yes				
Intelligent Prompt Function	Yes				
Non-proliferation Field Function	Optional				
Temperature Detection Function	No				
Safety Performance	Yes				
Molding Machine Casing	Yes				
Dimension (L×W×H)	280×237×118 mm	280×237×118 mm	280×237×118 mm	263×275×125 mm	263×275×125 mm
Weight (kg)	3.2	3.2	3.2	4.4	4.6