

TECHNICAL DATA SHEET

## ALab™ DEP-300/DEP-600/DEP-300HC Electrophoresis Power Supplies

*Electrophoresis Power Supplies · 3 models · LCD touchscreen · 4 output sockets*



ALab™ DEP-300/DEP-600/DEP-300HC Electrophoresis Power Supplies

The ALab™ DEP-300/DEP-600/DEP-300HC. Image shown for reference.

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ACS MATERIAL, LLC

959 E Walnut St., Suite 100  
Pasadena, CA 91106, USA

Phone +1 (866) 227-0656

Fax +1 (781) 518-0284

**contact@acsmaterial.com**

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## SECTION I

## Product Overview

The ALab™ DEP-300, DEP-600 and DEP-300HC are electrophoresis power supplies with an LCD touchscreen for easy programming, four output sockets and three operating modes: constant voltage, constant current, and constant power.

DEP-300 0~300V / 0~600mA / 0~150W; DEP-600 0~600V / 0~600mA / 0~360W; DEP-300HC 0~300V / 0~3000mA / 0~400W. Resolution 1V / 1mA / 1W; time setting range 1min ~ 99h59min; USB interface.

## SECTION II

## Core Advantages

- **Models** — DEP-300 / DEP-600 / DEP-300HC
- **Outputs** — 4 sockets
- **Data** — USB recording
- **Display** — LCD touchscreen
- **Modes** — CV / CC / CP
- **Safety** — short-circuit, no-load

## SECTION III

## Specifications

### Technical data — DEP-300/DEP-600/DEP-300HC

| Specifications                     |                                                                              |
|------------------------------------|------------------------------------------------------------------------------|
| Brand                              | ALab™ by ACS Material                                                        |
| Model                              | DEP-300/DEP-600/DEP-300HC                                                    |
| SKU #                              | ALDEPS00                                                                     |
| Product Type                       | Electrophoresis power supply                                                 |
| Display                            | LCD touchscreen                                                              |
| Output Types                       | Constant Voltage, Constant Current, Constant Power (continuously adjustable) |
| Resolution                         | Voltage (1V), Current (1mA), Power (1W)                                      |
| Time Setting Range                 | 1min ~ 99h59min                                                              |
| Interface                          | USB                                                                          |
| Output Sockets                     | 4 sets                                                                       |
| Operating Temperature and Humidity | 0°C~40°C, ≤95%                                                               |
| Dimensions (L×W×H)                 | 310×260×115mm                                                                |

### Specifications by model — DEP-300 · DEP-600 · DEP-300HC

| Specifications by model |                            |                            |                   |
|-------------------------|----------------------------|----------------------------|-------------------|
| Parameter               | DEP-300                    | DEP-600                    | DEP-300HC         |
| Voltage Range           | 0~300V                     | 0~600V                     | 0~300V            |
| Current Range           | 0~600mA                    | 0~600mA                    | 0~3000mA          |
| Power Range             | 0~150W                     | 0~360W                     | 0~400W            |
| Voltage                 | 100~140V/195~245V, 50/60Hz | 100~140V/195~245V, 50/60Hz | 100~240V, 50/60Hz |
| Weight                  | 1.90kg                     | 1.96kg                     | 2.05kg            |

## SECTION IV

## Applications

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DEP-600: The DEP-600 power supply covers the broadest range of applications in the market, meeting the power needs of small vertical electrophoresis, high-throughput electrophoresis, and blotting. It supports applications such as SDS-PAGE, Native-PAGE, common protein, and DNA/RNA electrophoresis.

Product value: an LCD touchscreen with multi-step programming, constant voltage, constant current and constant power output, real-time data recording over USB, protection functions and four output sockets. Select the model before ordering.

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