

uEP01-300 Electrophoresis Power Module

- ▶ Fully programmable
- ▶ Fully independent multi-channel control
- ▶ Constant voltage, current, or power (automatic crossover)
- ▶ Interfaces with uProcess™ sensors for constant pressure or temperature modes

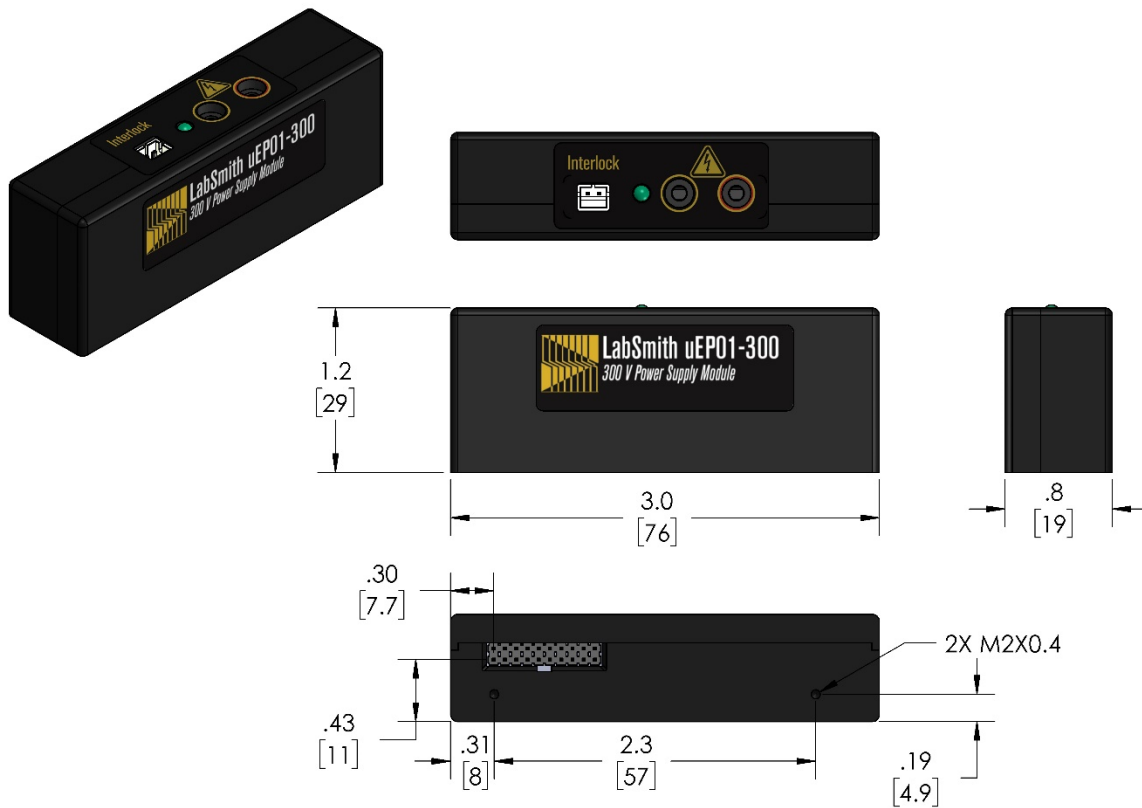


actual size

Specifications	Maximum	Minimum Step Size
Output Voltage	300 V	10 mV
Output Current	0.25 A	10 μ A
Output Power	15 W	10 mW
Type of Output	Constant voltage, constant current, or constant power with automated crossover; constant temperature or pressure modes available with uProcess pressure (uPS) or temperature (uTS) sensors	
Output Terminals	1 pair tip jacks with dynamic polarity switching and floating	
Multi-channel Support	Multiple modules can be controlled together for fully-independent multi-channel control	
Programmable Methods	Fully programmable with unlimited steps	
Timer Control	Fully adjustable in 1 ms intervals	
Software Interface	Complete experimental control via uProcess software	
Housing Material	Black anodized aluminum	
Dimensions	7.7 cm x 1.9 cm x 3.0 cm (3.0 in x 0.75 in x 1.2 in)	
Cables	Two cables (one black, one red) with friction fit terminations included	
Electrical Connection	2.00 mm pitch, 20-pin, dual row receptacle	

Accessories	
EIB200 Automation Interface	Required for control of uEP300 via uProcess™ software; includes software, LabVIEW™ drivers, and SDK.
Breadboard	Optional platform for mounting uEP01-300 power supply, EIB200, and other devices. p/n uPB-05, uPB-08, uPB-12, or iBB.
Electrodes	Platinum electrode wire. Sold separately. p/n A-PT-Electrode.
Micro-clips	Micro-clips for grabbing electrodes. Sold separately. p/n A-MC2-01.

Dimensions



3D model available on request