

# Low Frequency Sinusoidal Disturbances Simulator (Pulse B) LFS 300B

## Datasheet



### In Compliance with

> ISO/TS 7637-4: 2020

### Introduction

The LFS 300B is designed according to pulse B specified in standard ISO/TS 7637-4:2020 to meet the transient conduction test requirement of new energy vehicle driving parts and HV parts. It features intelligent control and convenience to use. Users can run tests through Autolab software by setting all parameters on it.

### Features

- > Conform to Pulse B of ISO/TS 7637-4:2020;
- > Easy to use;
- > Ethernet and RJ 45 interface for PC remote control and test report print;

### Application Areas

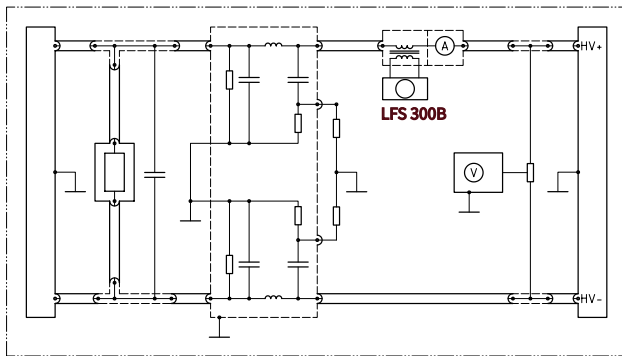
- > New Energy Automotive

Technical Parameters	
Frequency Range	3 kHz ~ 300 kHz
Frequency Step	1 kHz for 3 kHz ~ 30 kHz; 10 kHz for 30 kHz~300 kHz;
Open-circuit Test Pulse Voltage (Upp)	Upp= 0.5 V ~ 30 V (<=30 kHz) Upp= 0.5 V ~ 20 V (>30 kHz) Resolution 0.1 V
Ripple Dwell Time	1 s ~10 s, resolution 0.1 s
Max. Power Consumption	3000 W

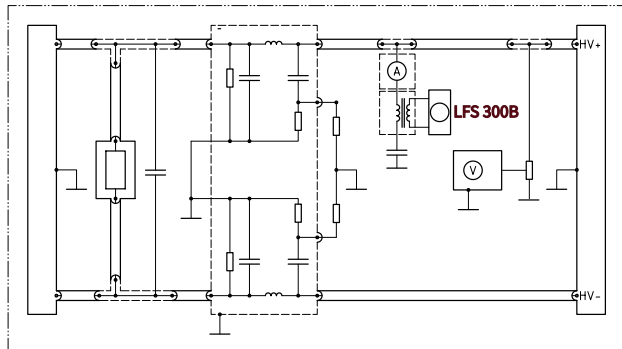
General Parameters	
Working Power	AC 110 V/220 V±10%, 50 Hz/60 Hz, ±5%
Dimension	19"/ 4U
Weight	Approx. 20 kg
Ambient Temperature	15 °C~35 °C



**Test Connection Diagram:**

1. line-to-line



1. HV+ line-to-line



Accessories	
1. Coupling transformer TPT-7637-4CL 	Umax=30 V Imax=32 A BW(-1db)=1 kHz~30 kHz Dimension: 180*140*45 mm
2. Coupling Transformer TPT-7637-4CH 	Umax=30 V Imax=3 A BW(-1db)=30 kHz~3 MHz Dimension: 115*85*35 mm
3. Automotive Testing software Autolab	> Compatible with Windows XP/7/8/10 OS; > Support of Ethernet interface; > Powerful test sequence function and one-key remote control; > Support of report export and user-defined test report template; > Emergency stop with one key makes operation safe;
User manual, Test line, Fuse	



## **SUZHOU 3CTEST ELECTRONIC CO., LTD.**

Add.: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

Tel: +86 (0)512 6807 7192      Fax: +86-512-68079795

Sales Email: [globalsales@3ctest.cn](mailto:globalsales@3ctest.cn)      Service Email: [service@3ctest.cn](mailto:service@3ctest.cn)

[www.3c-test.com](http://www.3c-test.com)

3ctest is always striving for product innovation and quality improvement.

Product appearance and technical specifications are subject to change without further notice.

© 3ctest