

# CAR – Power Supply PS 1500

EMC-Test Equipment for electrical installation of vehicles

- **Battery simulator**
- **Vehicle voltage up to 1500V**
- **Fast rise time up to 100V/μs**
- **Battery current: 30A**
- **Constant power: 15 kW**



CAR-PS 1500 (standalone)

**According to**

**ISO 7637-4: 2020**

**... many manufacturer standards**

The CAR PS 1500 is a high voltage power supply for the HILO CAR-TEST-SYSTEM. It is controllable on the front panel or via HILO-Remote software. Thus, it is used as battery supply for up to 1500V Systems with up to 30A current. It is part of the test system to fulfil the automotive standard ISO 7637-4:2020.

The software program CAR-Remote permits the PC control of the generator via Ethernet and allows the standardized documentation according to IEC 17025 and the evaluation of test results.

Control	Description
CAR-REMOTE	Remote software with Impulse Recording Function (IRF) ( XP, WIN7, WIN10 ) incl. Ethernet switch

Sales Partner:



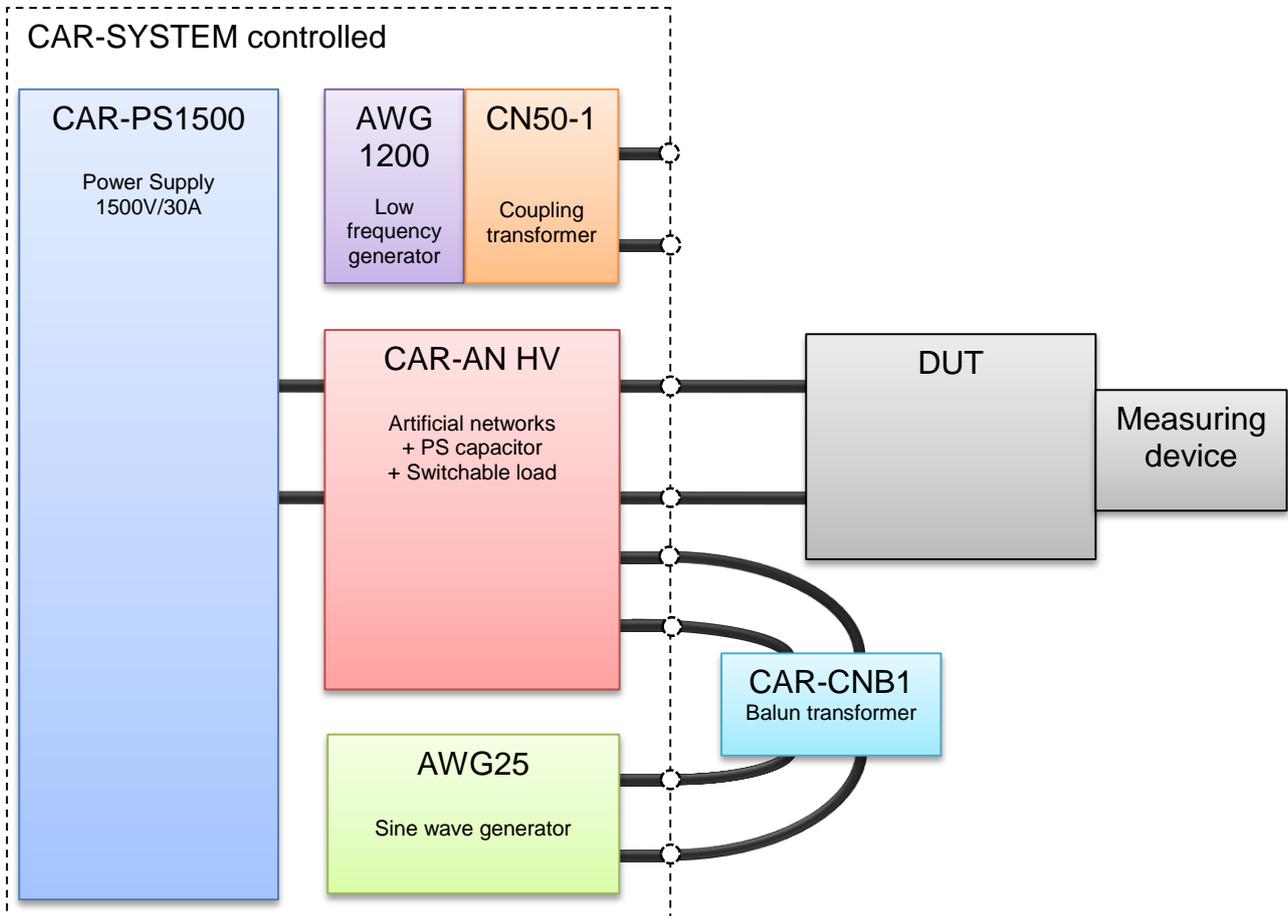
**ABSOLUTE EMC** LLC.  
Covering sales in North America  
United States, Mexico, & Canada

absolute-emc.com  
Phone:703-774-7505  
info@absolute-emc.com

Page 1 of 3  
www.hilo-test.de

Setup for a full setup to fulfil standard ISO7637-4:2020:

In example for connection of pulse A:



Sales Partner:



**ABSOLUTE EMC** LLC.  
Covering sales in North America  
United States, Mexico, & Canada

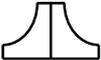
absolute-emc.com  
Phone: 703-774-7505  
info@absolute-emc.com

Page 2 of 3  
www.hilo-test.de

**TECHNICAL SPECIFICATIONS:**
**PS 1500**
**Mainframe**

Ethernet Interface for remote control of the generator	built-in
Connector for external safety interlock loop	built-in
Mains power (3 phase)	3x400V, 50 Hz (max. 23A)
Dimensions desk top case, W * H * D	483*176*500 mm <sup>3</sup>
Weight	30kg

**Power amplifier**

Output Voltage	60-1500V
Max. Current	30A
Constant power	15 kW
Autoranging Output	 500-1500V – 10A 0-500V – 30A
Overtoltage protection	✓
Slew rate	100V/μs
Cooling	Fans and Heat Sink
Overcurrent Protection with CAR SYS	Magnetic and Thermic

Sales Partner:



**ABSOLUTE EMC** Llc.  
 Covering sales in North America  
 United States, Mexico, & Canada

absolute-emc.com  
 Phone:703-774-7505  
 info@absolute-emc.com

Page 3 of 3  
[www.hilo-test.de](http://www.hilo-test.de)