

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

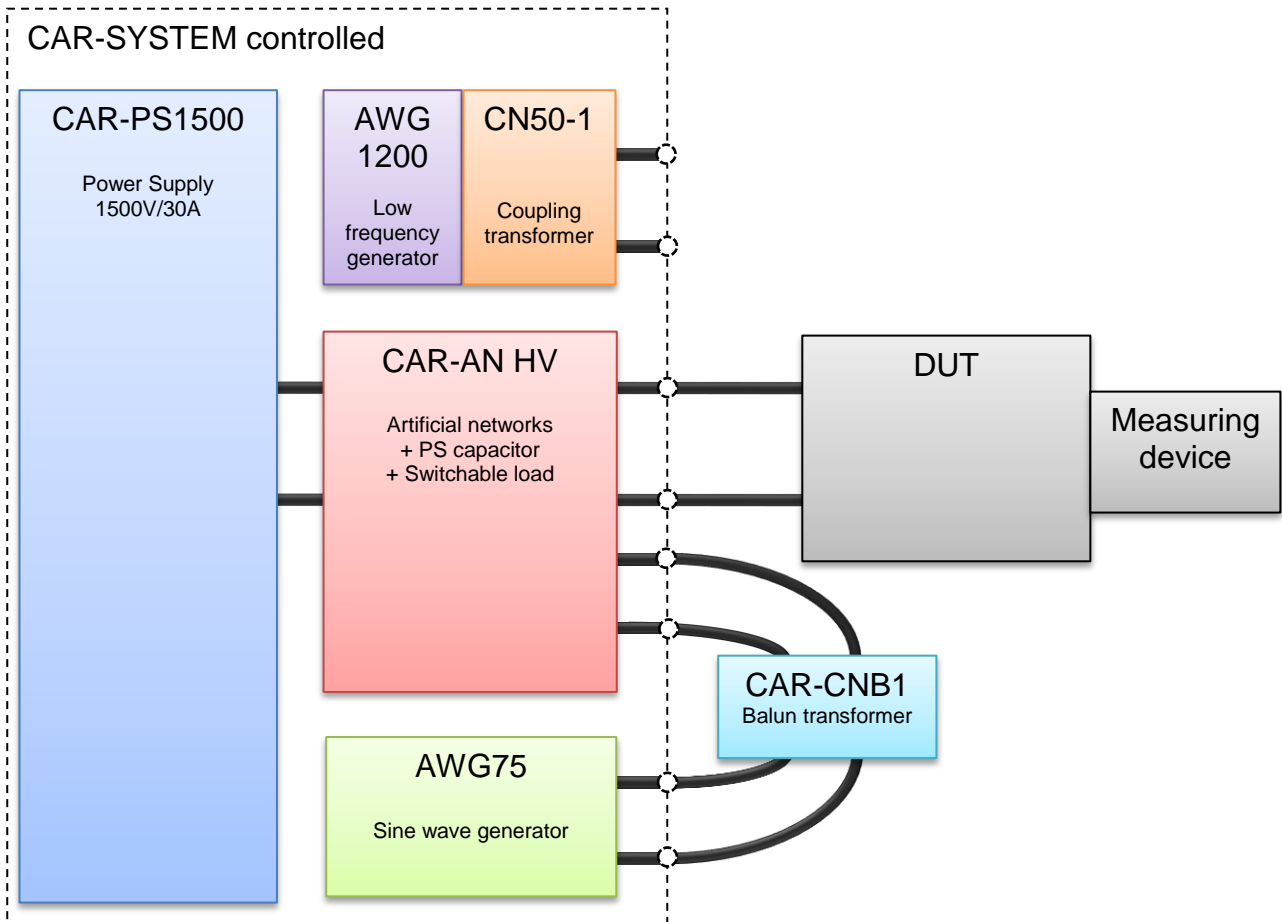
The CAR PS 1500 is a high voltage power supply for the HILO CAR-TEST-SYSTEM. It is controllable on the front panel or via HILO-Remote software. Thus, it is used as battery supply for up to 1500V Systems with up to 30A current. It is part of the test system to fulfil the automotive standard ISO 7637-4:2020.

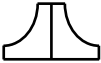
The software program CAR-Remote permits the PC control of the generator via Ethernet and allows the standardized documentation according to IEC 17025 and the evaluation of test results.

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

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

In example for connection of waveform A:



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 ³
Weight		30kg
Power amplifier		
Output Voltage		60-1500V
Max. Current		30A
Constant power		15 kW
Autoranging Output		500-1500V – 10A 0-500V – 30A
Overvoltage protection		✓
Slew rate		100V/μs
Cooling		Fans and Heat Sink
Overcurrent Protection with CAR SYS		Magnetic and Thermic