

CAR – Power Supply PS XX-XX

EMC-Test Equipment for electrical installation of vehicles

- **Battery simulator**
- **Vehicle voltages: 12V/ 24V/ 42V/ 48V/ 70V (or specific)**
- **Fast rise time up to 100V/μs**
- **Battery current: 50A/ 100A/ 200A**



PS 66-55 in rack with CAR-SYS14

Amplifier	Voltage range	Current range
PS 66-55	Max 66 V	Max 55 A
	0-33 V	0-110 A
	0-66 V	0-55 A
PS 66-110	Max 66 V	Max 110 A
	0-33 V	0-110 A
	0-66 V	0-110 A
PS 74-220	Max 74 V	Max 220 A
	0-37 V	0-220 A
	0-74 V	0-110 A

According to
ISO 7637: 2011
ISO 16750-2
ISO 21848
... many manufacturer standards

The CAR PS XX-XX is a 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 70V Systems with up to 200A current.

Furthermore, via the HILO-Remote software, the PS XX-XX can simulate amplifier waveforms according international and manufacturer standards like pulse 2b, pulse 4 and starting profile up to a battery current of 200A.

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.

It is equipped with an Impulse Recording Function (IRF) to record definite impulses (with oscilloscope).

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

TECHNICAL SPECIFICATIONS:			
	PS 66-55	PS 66-110	PS 74-220
Mainframe			
Ethernet Interface for remote control of the generator		built-in	
Connector for external safety interlock loop		built-in	
Mains power	230V, 50 Hz	400V, 50 Hz	400V, 50 Hz
Dimensions desk top case, W * H * D	483*88*500 mm ³	483*176*500 mm ³	483*352*500 mm ³
Weight	15kg	30kg	60kg
Power amplifier			
Max. Voltage	66V	66V	74V
Max. Current	55A	110A	220A
Overvoltage protection	✓	✓	✓
Slew rate		10V/μs	
Cooling		Fans and Heat Sink	
Overcurrent Protection with CAR SYS		Magnetic and Thermic	