



# Dedicated adapter for EVSE Installation inspections, maintenance and troubleshooting

## EVSE ADAPTER KEW 8601

### Compact adapter for complete testing of MODE 3 AC EVSE

- EVSE tests under various simulations
  - CP State simulation
  - CP Error / PE Error simulation
- Touch pad for PE voltage check
- L1, L2(N), PE, PP measuring terminals for electrical tests of EVSE
- CP signal terminals for CP signal monitoring
- CAT II 250V rating



● KEW 8601 Specification

Plug	SAE J1772 / IEC 62196-2 type1
Rated voltage	AC 250V Max.
Rated frequency	50/60Hz
Operating temp. & humidity range	0 to 40°C, RH 80 % or less (no condensation)
Storage temp. & humidity range	-10 to 50°C, RH 80 % or less (no condensation)
Applicable standards	IEC 61010-1, IEC 61010-2-030 CAT II 250V IEC 60529 (IP40)
Altitude	2000m or less
Cable length	Approx. 250 mm
Dimension	Unit: 172(L) × 105(W) × 57(D)mm Plug part: 175(L) × 60(W) × 53(D)mm
Weight	Approx. 840g
Included Accessories	9202(Carrying case) Instruction manual

● Measurable tests by KEW 8601 only or in combination with other testers

	KEW 8601 only	KEW 8601 + other testers
CP state		✓
CP Error		✓
PE Error		✓
Live LED		✓
Volts	-	✓
Insulation	-	✓
Earth	-	✓
RCD	-	✓
Checking CP signal	-	✓

**CP signal output terminals**

Terminals for measuring CP signals with oscilloscope, etc.

**PE PRE-TEST**

Touch pad and LED to test for dangerous voltages present on the PE.

**CP Error simulation button**

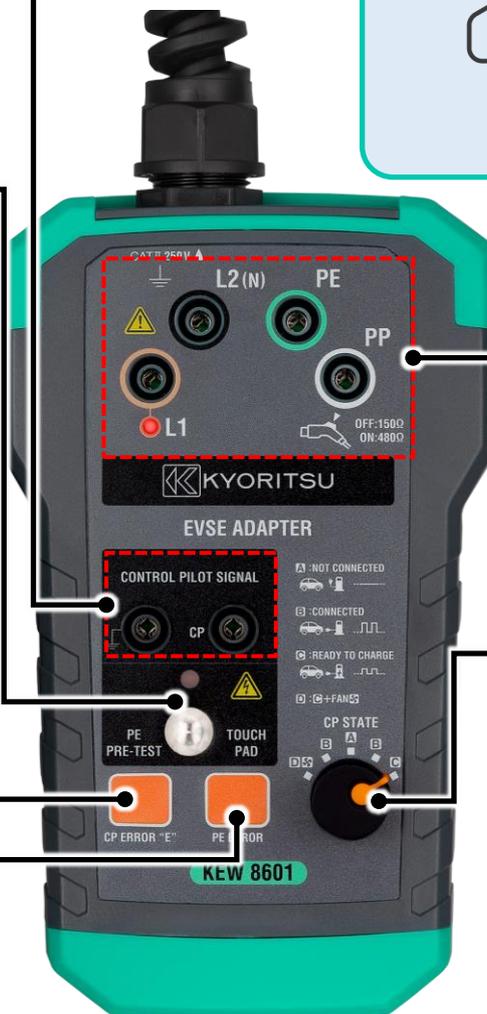
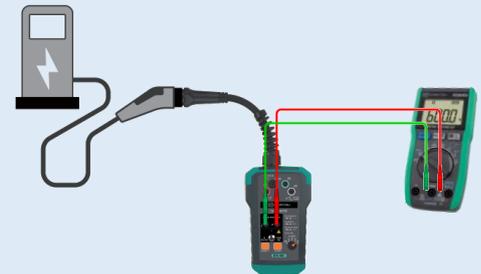
The case of an earth fault in the CP line can be simulated. While this button is pressed, the EVSE output is stopped.

**PE Error simulation button**

This button can be used to simulate the case of a broken earth wire. While this button is pressed, the EVSE output is stopped.

**Measuring terminals**

Various tests and confirmations are possible by connecting measuring instruments.



**CP(Control Pilot) State selector**

By operating this selector, the connection state of the vehicle can be simulated.

- A: Not connected
- B: Connected
- C: Ready to charge
- D: Ready to charge (Ventilation required)



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