



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

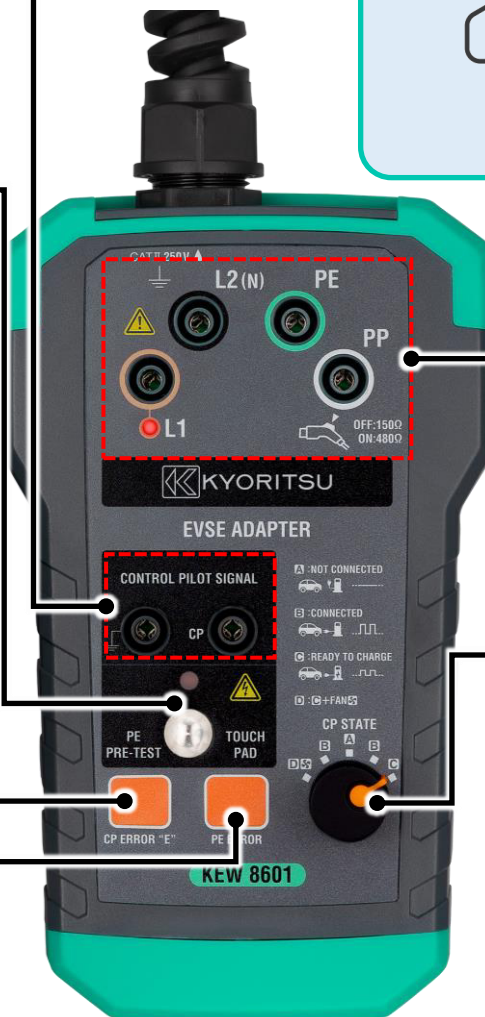
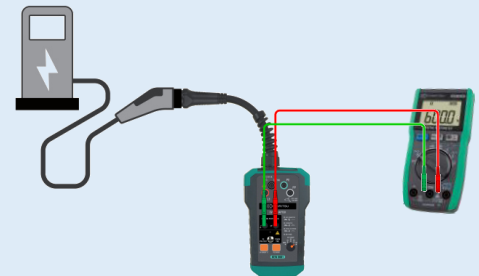
The case of an earth fault in the CP line can be simulated. While this button is pressed, the EVSE output is stopped.

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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