



KYORITSU · INSTALLATION TESTERS · DATASHEET

Kyoritsu KEW 6516BT-EV2 Multi Function Tester & EVSE Adapter Kit

Model KEW 6516BT-EV2 · Multi Function Tester & EVSE Adapter Kit



Kit pairing the Bluetooth KEW 6516BT multi function tester with the KEW 8602 EVSE adapter for complete testing of Mode 3 AC electric vehicle chargers.

Key features

- Kit: KEW 6516BT multi function tester + KEW 8602 EVSE adapter
- CP state simulation A, B, C, D and PP state OPEN, 13 A, 20 A, 32 A, 63 A
- Access to E, N, L1, L2, L3 and CP terminals; PE pre-test, CP error and PE error checks
- Dead-line tests (CP state A): insulation, 200 mA earth continuity, 2- and 3-wire earth
- Live tests (CP state C, D): volts, frequency, phase rotation, loop impedance with EVSE range
- L-PE 3W EV loop mode to avoid tripping 6 mA DC protection
- RCD test on EVSE: types AC, A, B, F and 6 mA DC

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

EVSE Adapter (KEW 8602)

CP state	A, B, C, D
PP state	OPEN, 13 A, 20 A, 32 A, 63 A
Terminals	E, N, L1, L2, L3, CP
Adapter checks	PE pre-test, CP error, PE error
Mains socket	10 A / 250 V
Plug	IEC 62196-2 Type 2
Rated voltage	AC 250 V max. (single-phase); AC 430 V max. (three-phase); 50/60 Hz

Tests with KEW 6516BT

Continuity	Yes
Insulation	Yes (between conductors and earth)
Earth	Yes (2-wire, 3-wire)
Loop impedance	Yes
Volts	Yes



Tests with KEW 6516BT (continued)

RCD Yes (AC, A, B, F, 6 mA DC)

Phase rotation Yes

Safety

Measurement category KEW 6516BT: IEC 61010-1 CAT IV 300 V / CAT III 600 V, pollution degree 2; KEW 8602: IEC 61010-1 CAT II 300 V

General

Communication interface KEW 6516BT: USB, Bluetooth® 5.0

Power source KEW 6516BT: LR6 (AA) (1.5 V) × 8

Dimensions KEW 6516BT: 136 (L) × 235 (W) × 114 (D) mm; KEW 8602 unit: 172 (L) × 105 (W) × 57 (D) mm, plug: 175 (L) × 60 (W) × 53 (D) mm

Weight KEW 6516BT: 1350 g (including batteries); KEW 8602: approx. 840 g

What's in the box

- KEW 6516BT multi function installation tester (6516BT)
- KEW 8602 EVSE adapter (8602)
- Mains test lead (MODEL 7187A, 7218A, 7221A or 7222A)
- Test leads with remote control switch (7281)
- Distribution board test lead (7246)
- Earth resistance test leads (7228A)
- Auxiliary earth spikes (8041)
- Soft case (9084)
- Carrying case (9142)
- Shoulder strap (9151)
- Shoulder pad (9199)

Typical applications

- **Electrical Safety Testing** – Verifies EV charger installations via the KEW 8602, with Bluetooth result transfer.
- **RCD Testing** – Tests EVSE RCDs of types AC, A, B, F and 6 mA DC.
- **Insulation Testing** – Insulation between conductors and earth on EVSE in CP state A.

Official Kyoritsu documents

[KEW 6516BT product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 8602 EVSE adapter catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[Kyoritsu EV market catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 6516BT-EV2 across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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WhatsApp +91 89610 89611

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Online kyoritsumeters.in/product/kyoritsu-kew-6516bt-ev2-multi-function-tester-evse-kit/

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