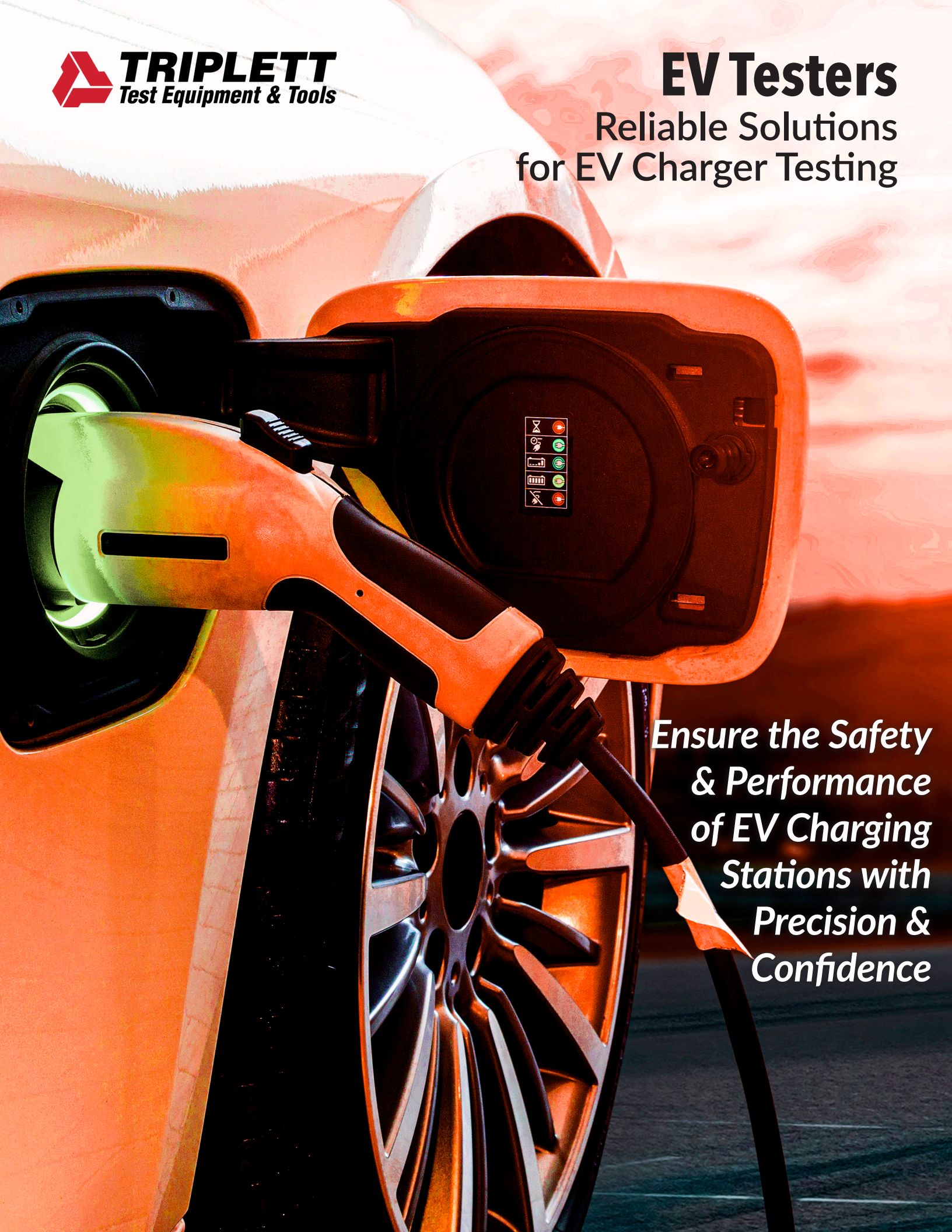


EV Testers

Reliable Solutions
for EV Charger Testing



*Ensure the Safety
& Performance
of EV Charging
Stations with
Precision &
Confidence*

The Growing Need for Reliable EV Charging Infrastructure

With the rise of electric vehicles (EVs), the demand for dependable and safe charging stations has surged. Keeping these stations in optimal working order is vital for ensuring seamless operations for both EV drivers and service providers.



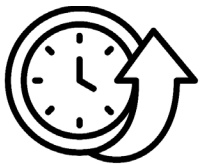
Why Regular Testing of EV Chargers is Critical for Infrastructure Reliability

As the EV market expands, maintaining a reliable charging infrastructure is more important than ever. Regular testing of EV chargers ensures safety, prevents failures, and guarantees that charging stations meet performance standards.

- **Ensure Uptime:** Triplett EV Test Kits help prevent unexpected failures and keep charging stations fully operational.
- **Safety Compliance:** Regular tests ensure stations meet grounding, voltage, and control pilot standards.
- **Extend Equipment Life:** Early detection of issues reduces costly repairs and prolongs the lifespan of your equipment.
- **Advanced Diagnostics:** Triplett's solutions offer comprehensive diagnostics, from in-depth CP state simulations to quick LED checks.
- **Real-World Applications:** From public stations to home setups, Triplett Test Kits help maintain a reliable and efficient EV infrastructure.



Maximize Uptime



Promote Safety



Advanced Diagnostics



Tailored Solutions for Every Need

Triplett's range of EV testers provides essential tools for electrical contractors and maintenance teams to verify the performance and safety of EV chargers, safeguarding the efficiency and reliability of the growing EV infrastructure.

TEV500 PRO Electric Vehicle Charger Test Kit:

The ultimate tool for comprehensive EV charger testing, offering advanced diagnostics and simulations, including CP state simulation, PE error testing, and CCID TRIP functionality. Perfect for professionals who need the most detailed testing capabilities.



TEV300 Electric Vehicle Charger Test Kit:

A reliable tool for essential EV charger testing with clear LED indications for quick diagnosis. Ideal for basic on-site evaluations and routine checks.



TEV200 EVProbe Kit:

A versatile, compact solution that integrates with your digital multimeter (DMM) for testing & diagnostics. Ideal for quick checks and integration with existing test equipment.



SAE J1772 Compliant
All Models compatible with IEC62196-2 & include a Type 1 female to male adaptor/converter



L1 Phase Indicator LED

PE & CP Signal Output Terminals

Pre-Test Touchpad

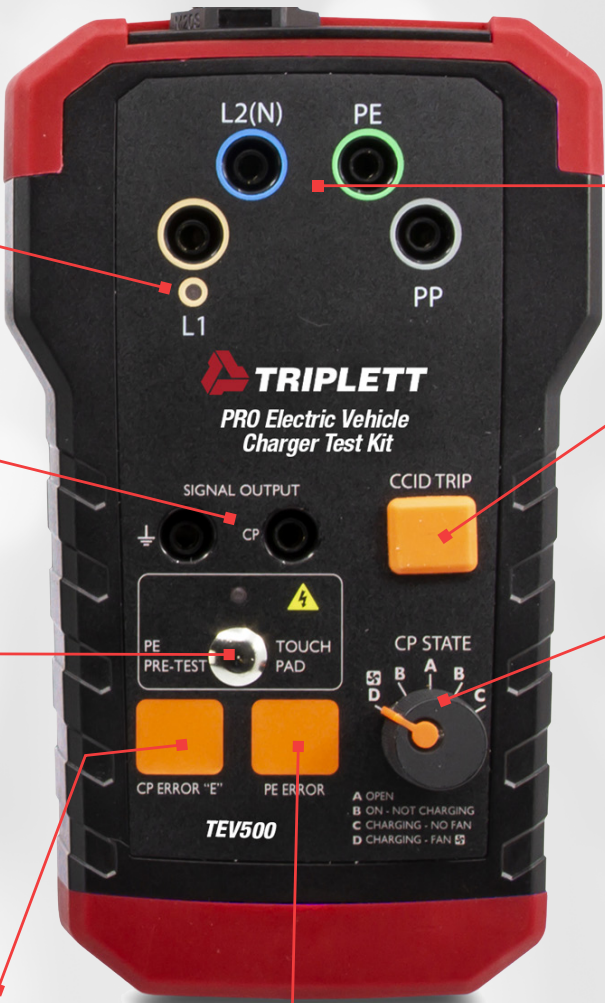
"E" CP Error Simulation

PE Error (Earth Fault) Simulation

Measuring Terminals

CCID Trip Test

CP State Selector



Invest in Triplett EV Test Kits to maintain your charging infrastructure with confidence. Visit triplett.com/evtesters to learn more.

TEV PRODUCT SPECIFICATIONS



SPECIFICATIONS	TEV500	TEV300	TEV200
Input Voltage	Max 130V (Single Phase) 50/60Hz	230V/400V	230 / 400 V 3 Phase 50 / 60 Hz
Network Types		TN, TT	
Measuring Terminals		L1, N, PE Max. 230 / 400 V 50 / 60 Hz	
Fixed Conductor		Type-2-connector, fixed to device	
Included Adaptor	IEC62196-2 Type 1 male (Male to Female Adaptor Included/Tesla)	IEC62196-2 Type 1 male (Male to Female Adaptor Included/Tesla)	IEC62196-2 Type 1 male (Male to Female Adaptor Included/Tesla)
Socket/Test Lead Colors		L1, N, PE in 3-wire-cable	
CP and PP State Simulation	States A, B, C, D	Yes	States A, B, C,
CP Simulation			Setup internally to 20 A
PP Simulation	CP error "E", PE (Earth Fault) Error		
Error Simulation			CP error "E", PE (Earth Fault) Error
CCID TRIP simulation	Yes (>25mA @130V)		
Measurement Category	CAT II 300V	CAT II 300 V	CAT II 300 V
PE Pre-Test:	Yes		Max 10A
Test Cable Length	9.8" (25 cm)	9.8" (25 cm)	19.7" (0.5m)
Power	Powered by Charging System	Powered by Charging System	Powered by Charging System
Dimensions	6.9"x 4.2"x 2.8" (175 x 107 x 71mm)	24" x 2.8"x 2.4" (600 x 70 x 60 mm)	7.7"x 4.2" (6x 60mm)
Weight	1.15lb (522g)	12.8oz (365g)	14.0oz (396g)

ORDERING INFORMATION

TEV500	Pro Electric Vehicle Charger Test Kit
TEV300	Electric Vehicle Charger Test Kit
TEV200	EV Probe Kit

Recommended Triplet Tools for Use with EV Test Kits

MM870	Industrial Multimeter
TL007	Test Lead Kit



All Kits come with
Type 1 Adapter and
Carry Case



TL007



MM870