

Recommended eMobility/utility solutions

EVSE test adapter

Best suited for:

- Checking protective earth for correct wiring and functioning
- Performing GFCI troubleshooting and verifying operation is within safety standards
- Testing the charging states with CP state simulation



Oscilloscopes

Best suited for:

- Checking the charging states and duty cycle of an EVSE
- Visualizing the EVSE frequency
- Ensuring charging communication protocol between the EVSE and EV is accurate



Power quality analyzers

Best suited for:

- Checking power cables running to the station.
- Ensuring correct voltage feeding into the EVSE is accurate and load is balanced.



Multifunction testers

Best suited for:

- Pairing with the FEV100 to perform more in-depth circuit analysis.
- Measuring how long for circuit to open and exact current when the circuit trips.



Digital multimeters

Best suited for:

- Pairing with the FEV100 checking output voltages of EVSE charging states.
- Pairing with the FEV100 using the DMM in Duty Cycle function to check maximum charging current.



Earth ground testers

Best suited for:

- Measuring the leakage current flowing through the system.
- Performing ground tests in places that were previously difficult where there is no access to soil to place auxiliary test stakes.



Battery analyzers

Best suited for:

- Testing backup battery systems for utility distribution.
- Backup battery systems are used for load management to help avoid stress to the grid during peak times.



Thermal imagers

Best suited for:

- Verifying cable connections
- Looking for hot or cool spots to establish for anomalies (ex: loose connection)
- Providing safe non-contact preventative maintenance tool.



Genuine accessories

Best suited for:

- Built with the same attention to safety, reliability, and accuracy as our test tools
- Expand the capabilities of your test tools while protecting on-the-go



Fluke. Keeping your world up and running®

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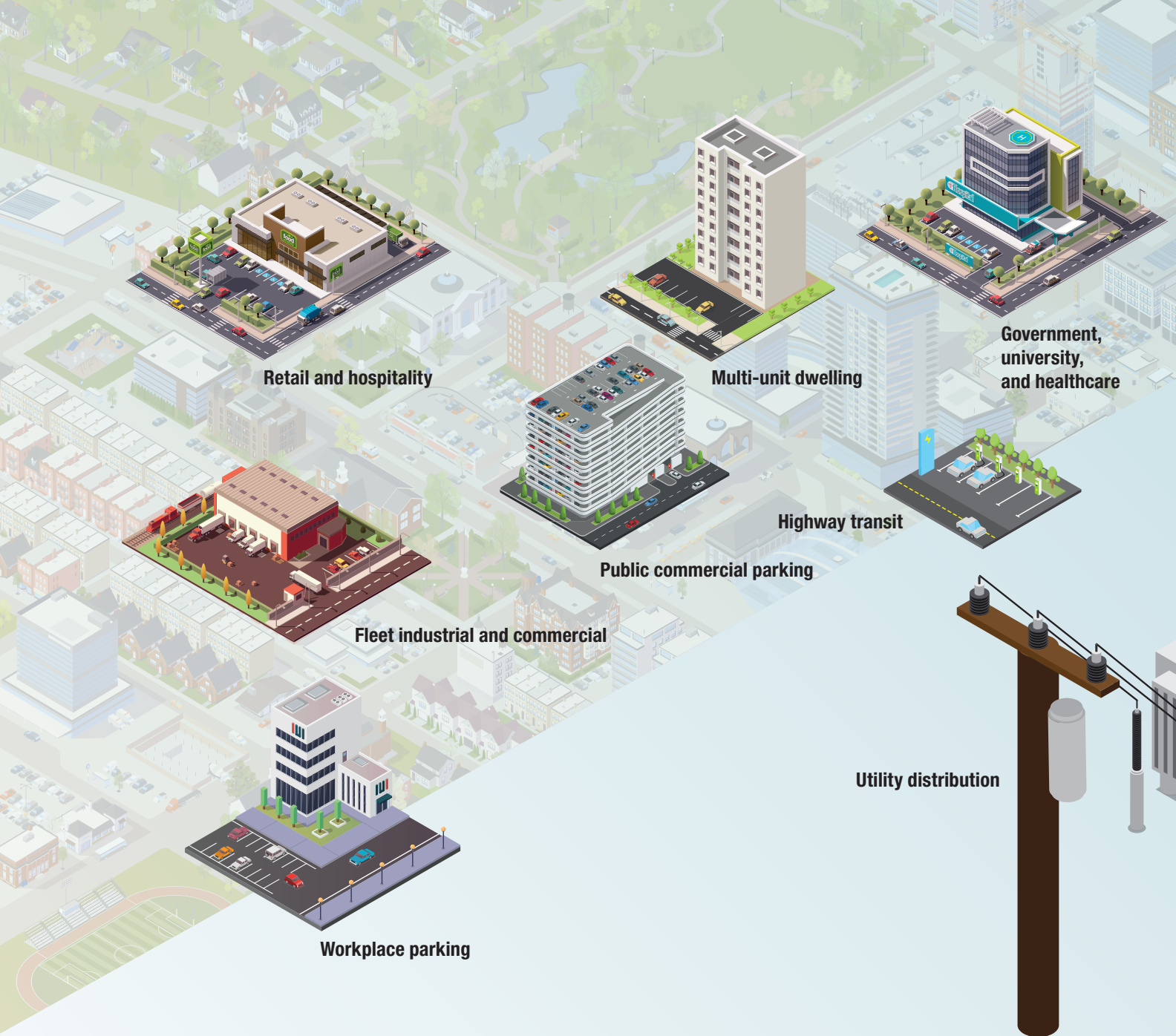
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eMobility

As the electric vehicle (EV) market accelerates, so do the needs for electric vehicle supply equipment (EVSE) from installation to critical infrastructure maintenance.

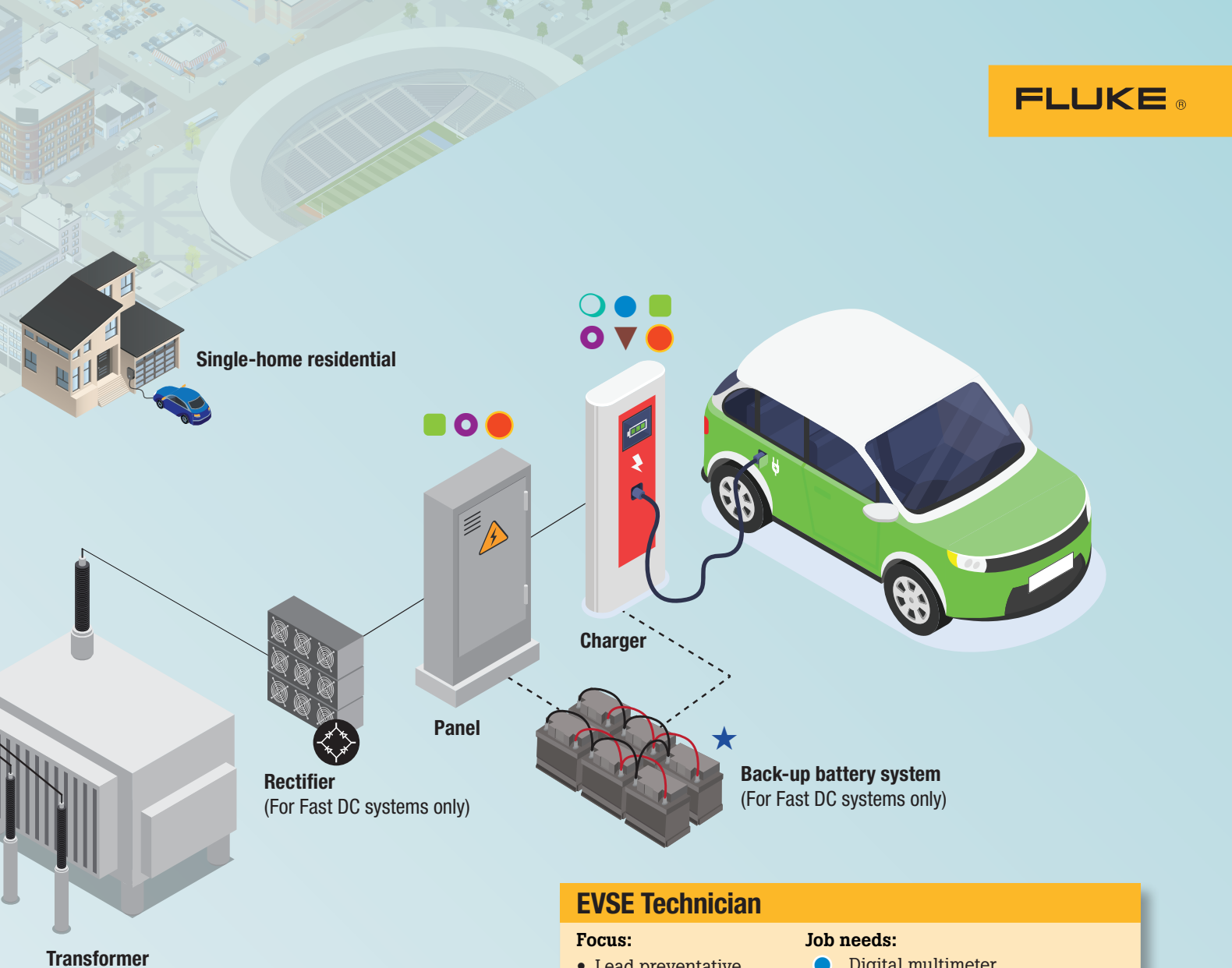
Fluke offers a range of eMobility solutions including electrical testers, insulation testers, thermal cameras and EVSE testers to help you perform fast, accurate measurements for efficient routine checks and troubleshooting of EVSEs, all while providing the highest level of safety.



eMobility/Utility solutions

Learn how Fluke solutions can save you time and money while increasing your productivity at www.fluke.com.

EVSE	Electrical testing tools					Power quality
EVSE test adapter	Digital multimeter	Oscilloscopes	Multifunction tester	Clamp meter	Insulation multimeter	Insulation tester
 <p>FEV100</p>	 <p>87V</p>	 <p>120B Series</p>	 <p>1664 FC</p>	 <p>393 FC</p>	 <p>1587 FC</p>	 <p>1732</p>



EVSE Technician

Focus:

- Lead preventative maintenance
- Troubleshooting
- Monitoring
- Installation

Job needs:

- Digital multimeter
- Clamp meter
- Oscilloscope
- Insulation and power quality
- Temperature/Thermal
- ★ Battery analyzer
- ▼ Earth ground
- Insulated hand tools

Infrared	Battery analyzer	Earth ground	Accessories	
Thermal imager	Battery analyzer	Earth ground	Backpack	Insulated hand tools
				
PTi120	500 Series	1630-2	Pack30	