

**Programmable Power Products
Boost Test of EVs and Charging Stations**





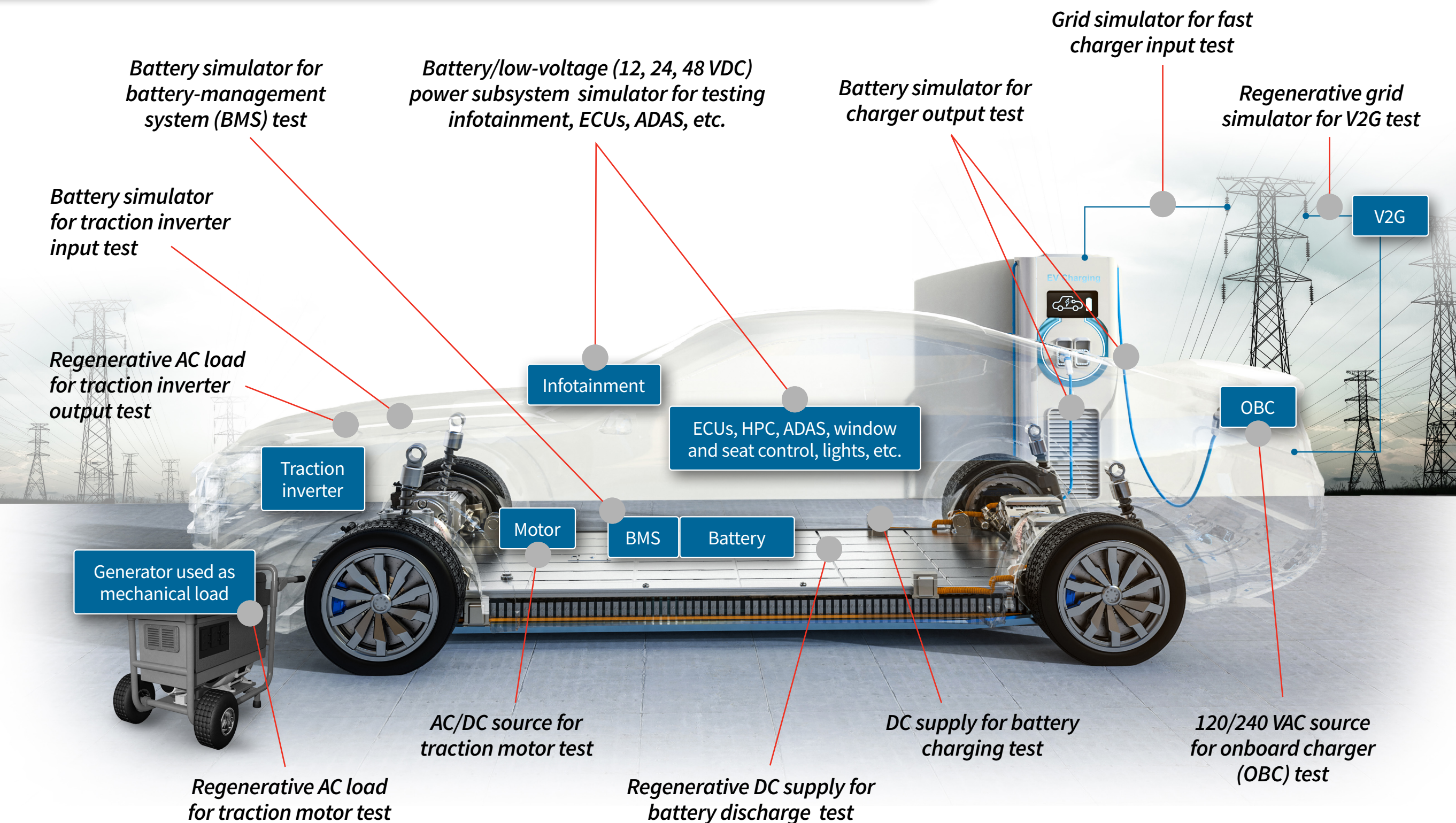
Electric vehicles (EVs) are proliferating as governments, manufacturers, and consumers pursue efficient, low or no-carbon alternatives to vehicles powered by internal combustion engines (ICEs). The EVs, their components, and the charging infrastructure necessary to meet the needs of the expanding fleet of EVs require extensive tests to ensure reliability, safety, and compliance with relevant standards.

Programmable AC sources, DC supplies, and electronic loads are crucial in testing EV-related products, including fast and onboard chargers, batteries, fuel cells, motors, and the many components within hybrid or fully electric drivetrains.

Programmable Power in EV Test

AMETEK
PROGRAMMABLE POWER

Programmable AC and DC products addressing research & development, component test and end-of-line test.



As the EV market evolves, test challenges extend from grid-connected chargers and V2G equipment to vehicle high- and low-voltage batteries and from the power semiconductors in traction inverters to the HPC ADAS processors critical to performance and safety. Programmable power has a key role to play in testing all aspects of EV performance, making sure that all components work together under a wide range of operating voltage and current conditions. AMETEK Programmable Power offers a full range of programmable AC and DC products that address all aspects of EV research and development, and test. Visit the [AC Power Sources](#) and [DC Power Supplies](#) product pages for more information.

www.programmablepower.com

