

IRP Systems to Reveal Game-Changing EVVER Hi-Dynamic Controller and AI-Powered TrueDRIVE AI-Suite at IAA SUMMIT 2025

Barcelona, SPAIN. September 2025. At this year's IAA Mobility, Munich, Germany, IRP Systems is taking a step further in electrification with the global unveiling of two breakthroughs to support OEMs competitiveness: the EVVER Hi-Dynamic Series, a next-generation high-voltage controller line, and the TrueDRIVE AI-Suite, a powerful software suite accelerating the shift toward software-centric electric mobility.

These new solutions are designed to reduce development cycles, improve system efficiency, and future-proof vehicle platforms allowing OEMs to streamline their business and stay ahead in a challenging automotive market.

Power Meets Intelligence: Introducing the EVVER Hi-Dynamic Series

The new **EVVER Hi-Dynamic** Series controller is built for scalability and software-defined adaptability, it empowers OEMs to improve efficiency while increasing electric range. Delivering up to 100kW of peak power for high-voltage systems fits compactly into tight vehicle envelopes and complies with ASIL C safety standards.

"EVVER Hi-Dynamic is a leap forward for any OEM building 200–450V platforms," said Paul Price, CTO & Co-Founder. *"It offers the highest performance and safety solution, designed for scale, speed, and seamless adaptability via software."*

The controller is motor-agnostic, supporting PMSM, BLDC, Radial and Axial Flux, and Magnet-less motors, ensuring broad application flexibility across motor architectures and platforms.

The path to SW-defined Vehicles with TrueDRIVE AI-Suite

The TrueDRIVE AI- Suite supports OEMs in evolving from hardware-defined to software-centric platforms through rapid AI-powered integration on top of proven e-powertrain platforms already in production.

To enable rapid, intelligent EV integration based on software, AI-Suite empowers OEMs to simulate, validate, and optimize entire powertrain systems, cutting months from development cycles while reducing engineering effort and cost, without compromising security.

Within TrueDRIVE, the suite combines predictive diagnostics, Generative AI-powered analysis, and a natural language interface, transforming how technical teams scale EV platforms in a record time.

“We’re optimizing the product cycle with AI,” said Moran Price, CEO & Co-Founder. *“With TrueDRIVE AI-Suite, OEMs gain a faster path to Software Centric vehicles with deeper visibility into system performance, and a smarter, software-defined powertrain from day one.”*

One Platform. Multiple Possibilities.

The combined EVVER Hi-Dynamic + TrueDRIVE AI-Suite + Electric Motor solution offers an integrated platform approach. It enhances the ride experience with instant torque, smooth control, and advanced drive modes.

“This is exactly what the market is waiting for,” said Fran Ribas, Strategic Marketing Director. *“EVVER Hi-Dynamic and TrueDRIVE AI-Suite are more than tech upgrades, they’re launchpads for the next generation of intelligent electric vehicles.”*

Expanding the Portfolio: EVVER Dynamic Series

To complement the high-voltage EVVER Hi-Dynamic line, IRP also offers the EVVER Dynamic Series for low-voltage platforms. Spanning 48 to 96V and up to 25kW, these cost-effective controllers are pre-tuned, come with configurable firmware, and support plug-and-play integration. Deployed across millions of kilometers globally, EVVER Dynamic is ideal for motorcycles, 3wheelers, and urban mobility microcars looking for rapid scaling and reliable performance.

Join us at IAA SUMMIT 2025

IRP Systems will showcase these innovations and unveil OEM success stories at Hall B2, Booth C02 on September 8th, 2025. Attendees will experience how IRP gives OEMs a competitive edge in today’s fast-evolving EV landscape.

About IRP Systems

IRP Systems redefines electric mobility with modular, software-defined, and sustainable e-powertrain solutions. Its end-to-end platforms, spanning controllers, motors, and software, are designed for speed, scalability, and performance. With engineering and support teams across Israel, India, and Spain, IRP enables leading OEMs to achieve rapid integration, agile development, and fast go-to-market for electric four-wheeler passenger, three-wheeler and two-wheeler passenger vehicle.

For More Information:

Visit www.irpsystems.com or contact info@irpsystems.com

Media Contact:

IRP Systems, Fran Ribas

Email: info@irpsystems.com

Phone: +34 623 92 20 64