EC's New Products Introduction Journal Issue 6/2026

The New Products Journal

Published by the Engineering Association Yerevan, September 18, 2026

The Purpose of the Journal is to introduce the new products, solutions, and technologies that have been designed and developed in the Engineering City.

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. Mobile EV Charging Station – by EVAN

As the number of electric vehicles rapidly grows each year, charging infrastructure and unexpected roadside emergencies — such as a depleted EV battery far from a charging station — remain a major challenge for drivers. To address this need, the Armenian company EVAN has engineered and manufactured an innovative solution: the Mobile EV Charging Station.



Pic. EVAN Mobile Charging Station

. Designed and Manufactured in Armenia

The full development and assembly cycle of the mobile complex was carried out in Armenia, showcasing the contribution of local engineers and specialists to creating world-class, competitive eco-technologies.

. Purpose and Key Features

The EVAN Mobile Charging Station was created to provide rapid assistance to electric vehicle owners. This specially equipped electric van operates as an autonomous complex capable of responding on-demand and recharging vehicles directly on site.

. Fast Recharging and Logistics Advantage

The mobile complex itself can recharge at fast-charging stations, eliminating the need to return to a specialized base location to replenish its energy. This significantly reduces downtime, optimizes logistical costs, and allows the mobile station to handle more service calls throughout the day.

. Key Advantages

Designed with operational efficiency in mind, the system offers several key technological and practical advantages:

- **Mobility and Speed:** Fully equipped for rapid deployment, enabling both emergency assistance and scheduled charging across urban and remote areas.
- **Broad Compatibility:** Support for multiple charging standards and connectors ensures seamless service across diverse EV models.
- **Grid Independence:** High-capacity onboard energy storage systems ensure full operational autonomy during field operations.
- **Seamless Accessibility:** Integration with the EVAN mobile app allows drivers to request real-time roadside assistance on demand.

The EVAN Mobile Charging Station represents a major milestone in developing the local electric transport infrastructure and serves as a strong demonstration of Armenia's engineering capabilities. This solution enhances convenience and peace of mind for EV drivers, accelerating the transition to eco-friendly transportation.

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