



## Eleo Unveils Its New Range of Battery Packs for Off-Highway Applications



Eleo's lineup of battery packs for off-highway applications.

**Modular battery packs designed for the unique demands of low volume, high diversity off-highway machines.**

Helmond, The Netherlands (July 10, 2024) - Eleo, a Yanmar company, unveils its new range of battery packs, specifically designed for off-highway applications. The technology is tailored to the specific requirements of low-volume, high-diversity off-highway vehicles and equipment. The packs ensure consistent high-performance, as they're engineered to thrive in demanding environments. All battery packs are tested to withstand the dust, shock, vibration, and water that off-highway vehicles and equipment must face.

The Eleo battery packs address a notable gap in the off-highway market. They enable simple, practical, and fast integration to support off-highway OEMs in electrifying their entire product line with the same range of battery packs.

Eleo battery packs also feature a flexible, modular design that accommodates space constraints, with both horizontal and vertical placement options. These battery packs offer a scalable voltage range from 50V to 720V and a maximum continuous power output of up to 90 kW, providing robust power potential and versatility for a wide range of applications. The multipack functionality allows multiple packs to be combined, enhancing system capacity and voltage with flexible integration in two orientations.

#### **Key Benefits of Eleo Battery Packs:**

- Scalable Voltage Range: From 50V to 720V to accommodate various applications.
- High Power Output: Maximum continuous power output of up to 90 kW.
- Industry Standard Protocols: Utilizes CANOpen and J1939 communication protocols for seamless integration, providing essential data for safe and reliable operation.
- Multipack Functionality: Multiple packs can be combined to enhance system capacity, with flexible integration in two orientations (90-degree rotation).
- Service-Friendly Interface Box: Minimize service turnaround time with a design that allows for easy and quick part replacement. This eliminates the need to ship complete batteries back for repair.

"Eleo is dedicated to advancing off-highway electric vehicle technology," said Bas Verkaik, CEO at Eleo. "Our battery packs provide a practical alternative to internal combustion engines, supporting the global transition towards net-zero emissions."

Eleo battery packs are designed to support full range electrification for off-highway OEMs. With the backing of Yanmar, Eleo provides scalable manufacturing and supply chain security to meet customer demands.

For more information about the cutting-edge battery packs and how Eleo is revolutionizing off-highway applications, please visit [www.eleo.tech](http://www.eleo.tech) or contact: [info@eleo.tech](mailto:info@eleo.tech)

#### **About Eleo**

Eleo, a Yanmar company, specializes in manufacturing high-performance battery packs for off-highway applications. Battery pack solutions are engineered to meet the rigorous demands of diverse OEM vehicles and equipment, providing reliable and scalable power options both now and in the future.

#### **About Yanmar**

With beginnings in Osaka, Japan, in 1912, Yanmar was the first ever to succeed in making a compact diesel engine of a practical size in 1933. A pioneer in diesel engine technology, Yanmar is a global innovator in a wide range of industrial equipment, from small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine, to machine tools, and components — Yanmar's global business operations span seven domains. On land, at sea, and in the city, Yanmar provides advanced solutions to the challenges customers face, towards realizing A Sustainable Future. For more details, please visit the official website of Yanmar Holdings Co., Ltd.

<https://www.yanmar.com/global/about/>

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