

News Release

Vehicle Energy Japan's Battery Systems Adopted for Mazda New Crossover SUV "CX-80"

Tokyo, October 31, 2024 --- Vehicle Energy Japan Inc. (Representative Director, President and CEO: Hiroshi Ikeuchi/ Headquarter in Japan, hereinafter referred to as "VE-J")'s lithium-ion battery systems, has been adopted by the new crossover SUV, the "CX-80", the pre-sales started in May, and the product will go on sale in Europe on October 10, 2024 by Mazda Motor Corporation (Representative Director; President and CEO (Chief Executive Officer): Masahiro Moro/ Headquarter in Japan, hereinafter referred to as "Mazda").

The CX-80 is Mazda's first three-row SUV to be introduced in Europe. With the design concept, "Graceful Toughness," the CX-80 is meticulously designed to express a sense of toughness, typical to an SUV, as well as an elegant presence. The cabin is crafted to balance the roominess and elegance of space, lending a spacious impression that matches its vehicle class.

This battery system, same as "CX-60, 70 and 90", which have been already mounted, in collaboration with Mazda, has realized an electrical/mechanical design that ensures vehicle safety and a cooling design that maximizes battery performance, making it an optimal battery system for the "CX-80".

The battery energy control module mounted on this battery system incorporates battery control technology specialized for large-current charging/discharging to maximize the battery performance and has realized the controllability of achieving safety and the life of the battery. In addition, this supports ISO 26262, titled "Road vehicles – Functional safety". And also supports ISO/SAE 21434, titled "Road vehicles – Cybersecurity engineering", and strengthen the security of products to prevent damage from cyber-attack to aim for falsification of information and a generation of an erroneous operation.

VE-J will strengthen its battery products, such as battery packs and battery modules, to contribute to the widespread use of electric vehicles from automakers, and for environmental conservation.



Mazda New Crossover SUV "CX-80" *



lithium-ion battery systems

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