

News Release

Vehicle Energy Japan's Battery Systems Adopted for Mazda New Crossover SUV "CX-60" e-SKYACTIV D 3.3

Tokyo, November 4, 2022 --- Vehicle Energy Japan Inc. (Representative Director, CEO, President and Chief Executive Officer: Hiroshi Ikeuchi/ Headquarter in Japan, hereinafter referred to as "VE-J")'s lithium-ion battery systems have been adopted for the new crossover SUV, the "CX-60" e-SKYACTIV D 3.3. This has been launched in Japan on September 15, 2022 by Mazda Motor Corporation (Representative Director; President and CEO (Chief Executive Officer): Akira Marumoto/ Headquarter in Japan, hereinafter referred to as "Mazda").

The "CX-60" e-SKYACTIV D 3.3 equipped with a 3.3-liter in-line six-cylinder diesel engine, an electric motor, and lithium-ion battery achieves fuel economy, 21.0-21.1km/L in WLTC mode.

This battery system, 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-60" e-SKYACTIV D 3.3.

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-60" e-SKYACTIV D 3.3*



lithium-ion battery systems

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