

News Release

Vehicle Energy Japan's Battery Systems Adopted for Nissan "X-Trail"

Tokyo, June 23, 2023 --- Vehicle Energy Japan Inc. (Representative Director, President and CEO: Hiroshi Ikeuchi/ Headquarter in Japan, hereinafter referred to as "VE-J") announced that its lithium-ion battery module and battery management system have been adopted by "X-Trail" e-POWER which has been launched in Japan by Nissan Motor Co., Ltd. (Representative executive officer, president and CEO: Makoto Uchida/ Headquarter in Japan, hereinafter referred to as "Nissan").

This battery system 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 e-POWER system.

The battery management system (BMS) maximizes the battery performance to meet the requirements of the e-POWER system by utilizing battery control technology at the time of large-current charging/discharging and has realized the controllability of achieving high safety and durability. In addition, the battery voltage and control circuit can be monitored at high speed and with high accuracy by adopting developed battery voltage monitoring device. This BMS also supports ISO 26262, titled "Road vehicles – Functional safety".

Vehicle Energy Japan will strengthen its battery products, to contribute to the widespread use of electric vehicles from automakers, and for environmental conservation.



X-trail



Lithium ion-battery module System

Information contained in this news release is current as of the date of
the press announcement, but may be subject to change without prior notice.
