



Yamabiko and i Labo Jointly Develop Hydrogen Engine Generator First public showing at the Formula E 2024 Tokyo E-Prix

March 15, 2024

Yamabiko and i Labo Corporation have jointly developed a demonstration hydrogen-powered generator.

This demonstration unit will be on public display at the Formula E 2024 Tokyo E-Prix held in Ariake, Koto-ku, Tokyo from March 29 to 30, 2024.

i Labo converted a Shindaiwa 100kVA diesel generator 100kVA into a hydrogen-fueled generator using its "hydrogenation conversion" technology.

The generator produces electricity by burning hydrogen fuel, which is expected to contribute to carbon neutrality by minimizing CO2 emissions to during operation. The generator will provide clean electricity to approximately 10 food trucks at the Formula E event site.

Hydrogen fuel is one of the most anticipated energy sources, as the government has formulated the Basic Hydrogen Strategy, which aims for the early realization of a hydrogen society to achieve carbon neutrality by 2050.



On February 21, 2024, we announced that 19 models of Shindaiwa generators and welders are compatible with biofuel (RD), which will contribute to carbon neutrality at construction sites and other locations. We will continue to accelerate our contribution to achieve carbon neutrality through our corporate activities.



【About i Labo Corporation.】

Based on its experience in hydrogen engine research, i Labo aims at the early realization of decarbonization in the industrial field through the widespread use of "hydrogenation conversion", in which existing diesel engines are replaced with engines that can run on hydrogen fuel by replacing parts, modifying controls, and other means.