Electric Forklifts

R&D | FS/Demo | **Product/ Service**

Sumitomo Nacco Forklift Co., Ltd.

- The company has developed a new battery-powered forklift that is more environmentally friendly than ICE *1 forklifts. This battery-powered forklift is **equipped with a high-efficiency IPM motor** and can **reduce energy consumption and extend its operating hours**.
- Furthermore, **optional lithium-ion batteries enable rapid charging**, allowing a **longer continuous operation with a shorter charging time**.
- Lithium-ion batteries have a high charging efficiency, **saving about 20% of the electricity cost** compared to lead-acid storage batteries.
- By tactically utilizing the high-efficiency and rapid charging characteristics, this battery-powered forklift could achieve an operating hours close to those of ICE forklifts, expanding the possibility of this electric forklift **replacing conventional ICE forklifts**.

*1) ICE = Internal Combustion Engine

Carbon Neutral Contribution points

- ✓ **Contributing to zero emissions (zero exhaust gas)**
- ✓ Switching an ICE forklift to a battery-powered forklift could **reduce CO_2 emissions by about 60%** during product use.

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