

Specification of Fuel Cell Garbage Truck for TAMA (2023)

> Base Vehicle (Medium-truck type)

Hino Motors "RANGER 4.0t" (3-seater)
 Weight 6230kg
 L x W x H 7.08 x 2.19 x 2.56m
 Payload 1600kg (7.8m³)



> Motor (Synchronous type)

KAWAMATA SEIKI CO., LTD. "KW150"
 Max. Power/ Torque 150kW/ 450Nm

> Main Battery (Lithium-ion type)

TOSHIBA "SCiBTM" (12s x 2p) 336kg
 Cap./ Rated Volt. 26.5kWh (80Ah)/ 331V

> Fuel Cell (PEM type)

TOYOTA "Type II (horizontal type)"
 Max. Power 60kW (248.5kg)
 L x W x H 1.27 x 0.63 x 0.41m

> Hydrogen Storage System

High pressure cylinder 82.5MPa (Type 4)
 Capacity 51L x 2 (72kg)
 Hydrogen loading 4.2kg@55

