

PERFORMANCE

Power Train

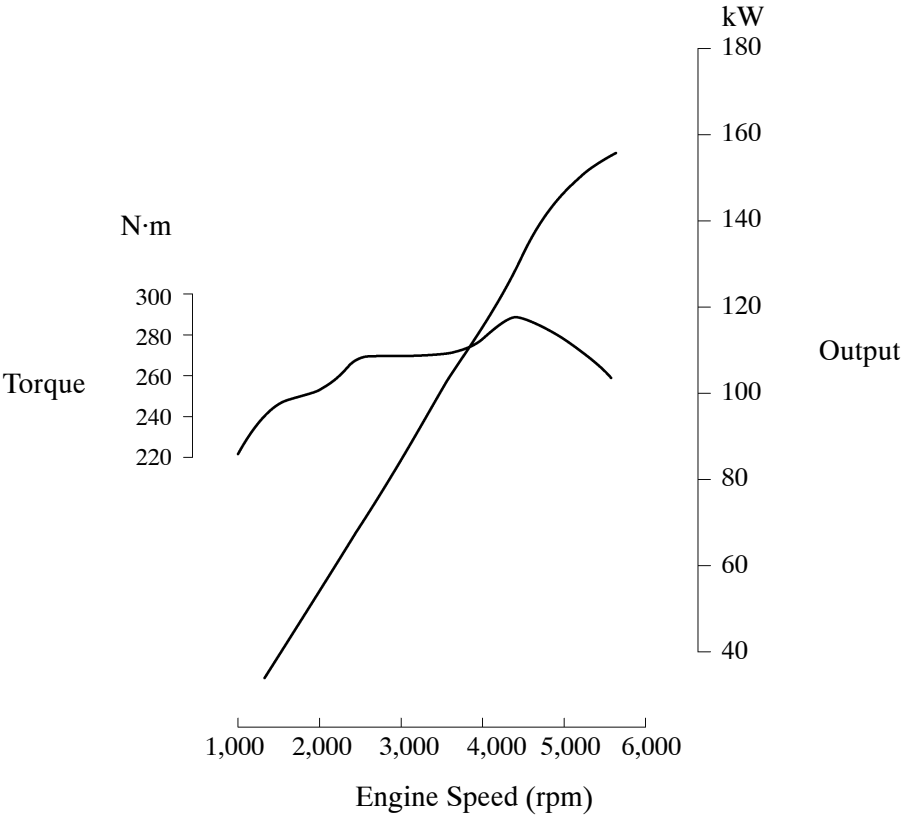
System Performance

Maximum System Output* | 200 kW

*: The maximum output indicates engine output + HV battery output

Engine

Type	3MZ-FE
No. of Cylinders & Arrangement	6-Cylinder, V Type
Valve Mechanism	24-Valve DOHC, Belt & Gear Drive (with VVT-i)
Displacement	3,311 cm ³ (202.1 cu. in.)
Maximum Output	155 kW @ 5,600 rpm
Maximum Torque	288 N·m @ 4,400 rpm



Motor and Generator

Item	MG1	MG2	MGR
Type	Permanent Magnet Motor	Permanent Magnet Motor	Permanent Magnet Motor
Function	Generate, Engine Starter	Generate, Drive Front Wheels	Generate, Drive Rear Wheels
Maximum System Voltage*	DC650 V	DC650 V	DC650 V
Maximum Output	—	123 kW @ 4,500 rpm	50 kW @ 4,610~5,120 rpm
Maximum Torque	—	333 N·m @ 0~1,500 rpm	130 N·m @ 0~610 rpm

*: This voltage is converted into an alternating current and then supplied to MG1, MG2 and MGR.

