

SPECIFICATIONS 1GR-FE BATTERY / CHARGING SERVICE DATA

Battery	Standard specific gravity		1.25 to 1.29 at 20°C (68°F)
	Standard voltage		12.6 to 12.8 V at 20°C (68°F)
Charging circuit without load	Standard current		10 A or higher
	Standard voltage		13.2 to 14.8 V (when engine speed at 2000rpm)
Charging circuit with load	Standard current		30 A or higher
Generator brush holder assembly	Standard brush length		10.5 mm (0.413in.)
	Minimum brush length		4.5 mm (0.177 in.)
Generator rotor assembly	Standard resistance	Slip ring - Slip ring	1.85 to 2.25 Ω at 20°C (68°F)
		Slip ring - Rotor core	10 k Ω or higher
	Standard diameter		14.2 to 14.8 mm (0.559 to 0.583in.)
	Minimum diameter		14.0 mm (0.551 in.)