



NATURAL GAS GENSET

MODEL : KS100UG

ENGINE DATA

Manufacturer : Model : Cylinder Arrangement : Displacement : Bore and Stroke : Compression ratio : Rated RPM : Piston Speed : Max. stand byPower at rated RPM : Frequency regulation, no load to full load : Frequency regulation, steady state : BMEP : Governor : type :		GENERAL MOTORS GM 874 T , 4-cycle, Turbo 8 V 7,4 L (452 C.I.) 108 mm (4,25 in.)X 102 mm (4 in.) 8.9 : 1 1800 Rpm 6,1 m/s (20,02 ft/s) 124 kW (167 BHP) Electronique NC 8,11 bar (118 psi) Electronic, Barber-Colman	
Exhaust System Exhaust gas flow Exhaust temperature Max back pressure Fuel System 100% (Stand By power) 75% (Stand By power) 50% (Stand By power) 25% (Stand By power) Oil System Total oil capacity w/filters Oil Pressure low idle Oil Pressure rated RPM Oil consumption 100% load		Max. intake restriction 700 mm CE (28 in. WG) Engine air flow 160 L/s (338 cfm) Coolant System Radiator & engine capacity Max water temperature Outlet water temperature Fan power Fan air flow Engine heat rejection Fuel System Fuel supply line diameter Fuel supply line pressure	
	480 L/s (1020 cfm) 650°C (1200 °F) 700 mm CE (28 in. WG) 33,56 L/h (8,86 gal/hr) 25,17 L/h (6,65 gal/hr) 16,78 L/h (4,43 gal/hr) NC 8,1 L (2,1 gal) 2.75 bar (40 psi) 5.5 bar (79.7 psi) NC		13,72 L (3,6 gal) 105 °C (221 °F) 71 °C (160 °F) 8,58 kW 5,37 m3/s (11376 cfm) 84 kW (4778 Btu/mn) 1"1/4 NPTF 30-69 mbar (12-27 in H ₂ O)