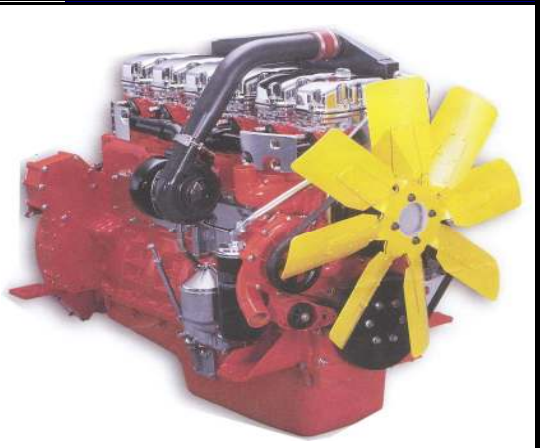
SCANGEN SGE300 (50Hz) / SGE325 (60Hz)			Engine Specification : DC9 65A (10-95)			
Engine - General Data						
Pistion displacement	lit	8.87				
Number of cylinder and configuration		5 in-line				
Bore x Stroke	mm	127 x 140				
Injection System		Diesel				
		Electronic unit injection				
Lub Oil	grade	CE or CF acc. To API				
Capacity	lit	23				
Starting System	V	24V				
Charging Generator	V, A	28V , 100A				
Fuel		Diesel fuel				
Engine cooling system		Water				
Compression ratio		18:1				

Engine - Specifications :			50Hz, 1500 rpm		60Hz, 1800 rpm	
			Prime	Standby	Prime	Standby
Gross power		kWm	266	292	294	315
Specific fuel consumption	full load	g/kWh	197	198	202	202
Heat rejection	to cooling water	kW	100	111	114	120
	to exhaust gas		181	205	209	227
	to radiation		26	29	30	31
Air consumption		kg/min	21	22	24	25
- max. pressure loss		mmWc	500		500	
Exhaust flow		kg/min	22	23	25	26
- max. back pressure		mmWc	500		500	
Coolant pump flow		dm^3/min	300		360	
Coolant fan	type		pusher		pusher	
	diameter	mm	787		787	
	power	kW	9		11	
	speed ratio	crank : fan	1 : 1		1 : 1	
	free air flow	m^3/s	6.7		7.5	
Radiator	front area	m^2	1.0		1.0	
Charge Air Cooling			air - air			
"Air-on" Temperature		°C	50		50	
- max. pressure reserve		mmWc	29	23	30	20

Alternator / Genset - Specifications :		
Insulation	Class	H / F
Excitation		brushless, rotating exciter (with AVR)
Number of poles		4
Power factor		0.8 (lagging)
Volatge regualtion	%	Within 1.5
Phase and wire		3-phase, 4-wires

RATING DEFINITIONS

PRIME POWER: These rating are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this mode can supply 10% overload power for 1 hour in 12 hours. Maximum 75% load factor.

STANDBY POWER: These rating are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. Maximum 85% load factor is peal continuous rated (as defined in ISO-8528-3) at 27 deg C

NOTE*: "Air-on" refers to the real average temperature of cooling air that reaches the cooling syster

*** Due to continuous product improvements, specification are subjected to change*