"Enerton" Diesel Engine Generating Sets

	ENERTON D.G. Sets - Technical Specification- "SDEC" SERIES									
D.G. Set	Rating	Kva	140	160	180	200	250	320	380	500
	Dimension with Acoustic Enclosure	L x B x H (mm)	3905 X 1600 X1985				5000 X 2000 X 2250		5900 X 2000 X 2500	
	Battery	Ah	180 X 2 Nos.							
	Starting System	Volts	24 Volts DC							
	Weight (Approx.)	kg	2900		3000		3900	4100	5600	
	Fuel Tank Capacity	liters	410				485		955	
Engine Meets (BS:5514) Standard	**Engine Model**		SC8D220D		SC9D280D		G128ZLD1	G128ZLD11	12V135AZLD	12V135BZLD2
	Rated Power(Continous100%)	hp	198	198	253		313	381	461	624
	Rated Speed	RPM	1500							
	No. of Cylinders		SIX						12 - V shape	
	Total Displacement	Litres	8.27		8.9		12.88		25.8	26.6
	Bore * Stroke	mm	114 * 135		114 *144		135 * 150		135 * 150	135 * 155
	Sump Capacity	Litres	19		19		34.4		57	
	Coolant Capacity	Litres	26.2		26.2		32	42	95	
	Aspiration		Turbo Charged After Cooled							
	Cooling system		Water / Liquid cooled with Radiator							
	Governing Class	IS 10000	A 1, Electronic							
	Compression Ratio		18:01				17:01		16:01	16.4 : 01
Alternator	Type		Brushless, 3 phase with Class "H" Insulation, Enclosure type IP 23, Confirms to IS 13364							
	Frequency	Hz	50							
	Voltage Regulation & Power Factor		+/- 1% / 0.8 (Lagging)							
	Voltage	volts	415	415	415	415	415	415	415	415
Control Panel	Digital Display for:-									
	Ampere		Available	Available	Available	Available	Available	Available	Available	Available
	Voltage		Available	Available	Available	Available	Available	Available	Available	Available
	Frequency		Available	Available	Available	Available	Available	Available	Available	Available
	Indication of Fuel level Electrical		Available	Available	Available	Available	Available	Available	Available	Available
	Indication of Fuel level Mechanical									
Engine Protection	High Water Temp.		Available	Available	Available	Available	Available	Available	Available	Available
	Low Lube Oil Pressure		Available	Available	Available	Available	Available	Available	Available	Available
	Over Speed		Available	Available	Available	Available	Available	Available	Available	Available
	Charging Failure		Available	Available	Available	Available	Available	Available	Available	Available
Electrical Protection	Overload		Available	Available	Available	Available	Available	Available	Available	Available
	Short Circuit		Available	Available	Available	Available	Available	Available	Available	Available
AMF Facility			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Communicator Facility			Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional