

Genset Rating Definitions to ISO 8528-1

Operating Conditions: A standard generating set is designed to operate in environmental conditions not exceeding an air inlet temperature of 25°C (77°F), altitude (above sea level) 152.4 metres (500 feet) and a relative humidity of 60%.

Prime Power: This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for 1 hour in 12 hours.

Standby Power: This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

50 Hz

Diesel

Gas

Air-cooled

Liquid-cooled



AD1	HSL open set	HSL and LLD (ALPHA) acoustic set	LLD (ALPHA) open sets	SIGMA	DELTA acoustic set	GAMMA open set	GAMMA acoustic set	LLO (OMEGA) open set	GS (ALPHA) gas genset
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[illegible]

Emissions Compliance: Key to Colour Coding

	Compliant in EU and India (LPWS option required for compliance in India)		Compliant in EU only
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Lister Petter alternators are standard. (1) 50 Hz, 3000 r/min outputs are based on Mecc Alte Alternators. N/A = not applicable N/D = no data available TBA = to be announced

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Power outputs are to ISO 8528										60 Hz																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Voltage (60 Hz) single-phase: 220/110, 230/115, 240/120 V three-phase: 220/127, 230/133 V Power Factor: single-phase: 1.0 pf; three-phase: 0.8 pf.										Diesel																														Gas																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Genset Type		Engine series		T-Series						ALPHA								DELTA		GAMMA														OMEGA		ALPHA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Model code		HSL 8	HSL 8A	HSL 15	HSL 15A	HSL 24	HSL 24A	LLD 95	LLD 95A	LLD 140	LLD 140A	LLD 190	LLD 190A	LLD 250	LLD 250A	LLD 410	LLD 410A	LLG 50	LLG 50A	LLG 50AS	LLG 70	LLG 70A	LLG 70AS	LLG 100	LLG 100A	LLG 100AS	LLG 110	LLG 110A	LLG 110AS	LLG 140	LLG 140A	LLG 140AS	LLO 100/166	LLO 200/256	GS 10N¹		GS 12P¹		GS 15N¹		GS 17P¹																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Open set = 0 Acoustic/enclosed set = A		0	A	0	A	0	A	0	A	0	A	0	A	0	A	0	A	0	A	A	0	A	A	0	A	A	0	A	A	0	A	A	0	0	0	0	A	0	A	0	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Engine model		TR1		TR2		TR3		LPW(S)2		LPW(S)3		LPW(S)4		LPW (S)T4	LPW T4	DWS4		GW4		GWT4		GWT6-1A		GWT6-2A		GWT6-2A		GWT6-2A		OWT6	OWTA6	LPWG3		LPWG3		LPWG4		LPWG4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
60 Hz		1800 r/min		Single phase		Prime		kVA	5.0	5.0	9.5	9.5	17.3	17.3	6.9	6.9	10.5	10.5	14.8	14.8	19.3	19.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									