

### 50 Hz

Power outputs are to ISO 8528

**Voltage (50 Hz)**

single phase: 220-230-240V

three-phase: 380/220, 400/230, 415/240V

Power Factor: single-phase: 1.0 pf; three-phase: 0.8 pf.

**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.



Genset Type	Engine series	AD	TR						ALPHA								SIGMA						DELTA		GAMMA						OMEGA						ALPHA													
			HSL 8	HSL 8A	HSL 15	HSL 15A	HSL 24	HSL 24A	LLD 95	LLD 95A	LLD 135	LLD 140	LLD 140A	LLD 200	LLD 190	LLD 190A	LLD 275	LLD 250	LLD 250A	LLD 400	LLS 20	LLS 20A	LLS 25	LLS 25A	LLS 30	LLS 30A	LLD 410	LLD 410A	LLG 50	LLG 50A	LLG 70	LLG 70A	LLG 100	LLG 100A	LLG 110	LLG 110A	LLG 140	LLG 140A	LLG 100/100	LLG 100/125	LLG 100/150	LLG 200/175	LLG 200/200	LLG 200/225	GS 10N	GS 12P	GS 15N	GS 17P		
Open set = 0; acoustic set = A	Engine model	AD1	TR1	TR1	TR2	TR2	TR3	TR3	LPW(S)2		LPW(S)3		LPW(S)4		LPW(S)T4		LPW T4	SW20		SW25		SW30		DWS4		GW4		GWT4		GWT6-1A		GWT6-2A		GWT A6		OWT6		OWT A6		LPWG3	LPWG3	LPWG4	LPWG4							
50 Hz	1500 r/min	Single phase	Prime	kVA	4.1	4.1	8.6	8.6	14.0	14.0	5.6	5.6	8.7	8.7	12.2	12.2	16.1	16.1																																
			kWe	4.1	4.1	8.6	8.6	14.0	14.0	5.6	5.6	8.7	8.7	12.2	12.2	16.1	16.1																																	
		Standby	kVA	4.5	4.5	9.4	9.4	15.4	15.4	6.1	6.1	9.5	9.5	13.5	13.5	17.7	17.7																																	
			kWe	4.5	4.5	9.4	9.4	15.4	15.4	6.1	6.1	9.5	9.5	13.5	13.5	17.7	17.7																																	
		Three phase	Prime	kVA	5.3	5.3	11.2	11.2	18.1	18.1	7.0	7.0	10.9	10.9	15.0	15.0	20.0	20.0	20	20	25	25	30	30	30.0	30.0	45	45	63	63	90	90	100	100	125	125	100	125	150	175	200	225	9.3	9.3	11.6	11.6	12.4	12.4	15.8	15.8
			kWe	4.3	4.3	9.0	9.0	14.5	14.5	5.6	5.6	8.7	8.7	12.0	12.0	16.0	16.0	16	16	20	20	24	24	24.0	24.0	36	36	50	50	72	72	80	80	100	100	80	100	120	140	160	180	7.4	7.4	9.3	9.3	9.9	9.9	12.6	12.6	
	Standby	kVA	5.9	5.9	12.3	12.3	19.9	19.9	7.6	7.6	12.0	12.0	16.5	16.5	22.0	22.0	22	22	28	28	33	33	33.0	33.0	50	50	69	69	100	100	110	110	138	138	110	138	165	193	220	248	10.1	10.1	12.8	12.8	13.7	13.7	17.3	17.3		
		kWe	4.7	4.7	9.9	9.9	15.9	15.9	6.1	6.1	9.6	9.6	13.2	13.2	17.6	17.6	18	18	22	22	26	26	26.4	26.4	40	40	55	55	80	80	88	88	110	110	88	110	132	154	176	198	8.1	8.1	10.2	10.2	10.9	10.9	13.8	13.8		
	3000 r/min (1)	Single phase	Prime	kVA/kWe	4.0							10.2		15.4		20.9																																		
			Standby	kVA/kWe	4.4							11.2		16.9		23.0																																		
		Three phase	Prime	kVA								13.7		20.3		28.1																																		
			Standby	kVA								11.0		16.3		22.5																																		

