



Cooling				AIR COOLED										LIQUID COOLED																	
Fuel				PETROL						DIESEL																					
Engine Series				LPP SERIES			T SERIES			ALPHA SERIES				ALPHA MAX			GAMMA SERIES														
Model code 1500-1800 r/min ((A) for acoustic)				LPP2.5RE(50Hz) LPP2.8RE(60Hz)	LPP6.0RE(50Hz) LPP6.6RE(60Hz)	LPP7.0RE(RE) LPP8.3RE(60Hz)	LAT8(A)	LAT15(A)	LAT24(A)	LWA10(A)	LWA15(A)	LWA20(A)	LWA27(A)	LWX13(A)	LWX20(A)	LWX27(A)	LLG30(A)	LLG43(A)	LLG45(A)	LLG50(A)	LLG60(A)	LLG90(A)	LLG100(A)	LLG135(A)	LLG150(A)	LLG160(A)	LLG180(A)				
Model code 3000-3600 r/min ((A) for acoustic)							SFE200E	SFE440E	192FDE	TR1	TR2	TR3	LPW2	LPW3	LPW4	LPWT4	LPWX2	LPWX3	LPWX4	GW3	GWT3	GW4	GWT3	GWT4	GWT6-1A	GWT6-2A	GWTA6	GWTA6-2A	GWTA6-3A	GWTA6-4A	
Engine model				SFE200E	SFE440E	192FDE	TR1	TR2	TR3	LPW2	LPW3	LPW4	LPWT4	LPWX2	LPWX3	LPWX4	GW3	GWT3	GW4	GWT3	GWT4	GWT6-1A	GWT6-2A	GWTA6	GWTA6-2A	GWTA6-3A	GWTA6-4A				
50 Hz	1500 r/min	Single phase	COP	kVA/kWe	LTP rated (kW) 2.5	LTP rated (kW) 6.0	LTP rated (kW) 7.0	4.4	8.9	13.8	5.8	8.9	11.9	15.2	6.5	9.9	13.5	23	27	32					43	58					
			PRP	kVA/kWe				4.6	9.4	14.5	6.1	9.3	12.5	16.0	6.8	10.4	14.2	25	30	36					48	64					
			ESP	kVA/kWe				4.8	9.8	15.2	6.3	9.8	13.1	16.8	7.1	10.9	14.9	28	33	40					53	70					
		Three phase	COP	kVA/kWe				5.9/4.7	11.9/9.5	18.4/14.7	7.7/6.2	11.9/9.5	16.1/12.8	20.0/16.0	8.6/6.9	13.3/10.6	18.1/14.5	28/23	39/31	41/32					54/43	81/65	90/72	122/97	135/108	147/117	162/130
			PRP	kVA/kWe				6.2/5.0	12.5/10.0	19.3/15.4	8.1/6.5	12.5/10.0	16.8/13.4	21.0/16.8	9.1/7.3	13.9/11.1	19.0/15.2	31/25	43/34	45/36					60/48	90/72	100/80	135/108	150/120	163/130	180/144
			ESP	kVA/kWe				6.5/5.2	13.1/10.5	20.2/16.2	8.5/6.8	13.0/10.4	17.6/14.1	22.0/17.6	9.5/7.6	14.2/11.4	20.0/16.0	34/28	47/37	50/40					66/53	99/79	110/88	149/119	165/132	179/143	198/158
	3000 r/min	Single phase	COP	kVA/kWe	LTP surge (kW) 2.8	LTP surge (kW) 6.6	LTP surge (kW) 8.0				9.7	15.3	21.0	25.5	10.7	16.9	23.2														
			PRP	kVA/kWe						10.2	16.1	22.0	26.8	11.3	17.8	24.3															
			ESP	kVA/kWe						10.7	16.8	23.0	28.0	11.8	18.6	25.5															
		Three phase	COP	kVA/kWe							13.0/10.4	20.1/16.1	27.9/22.3	35.7/28.5	14.4/11.5	22.0/17.6	30.9/24.7														
			PRP	kVA/kWe							13.6/10.9	21.1/16.9	29.3/23.4	37.4/29.9	15.1/12.1	23.1/18.5	32.4/25.9														
			ESP	kVA/kWe							14.3/11.4	22.1/17.7	30.7/24.5	39.2/31.3	15.8/12.6	24.2/19.4	33.9/27.1														
60 Hz	1800 r/min	Single phase	COP	kVA/kWe				5.4	10.7	16.9	7.1	10.9	14.9	19.4	8.0	12.4	16.9														
			PRP	kVA/kWe				5.7	11.3	17.7	7.4	11.4	15.7	20.3	8.4	13.0	17.8														
			ESP	kVA/kWe				5.9	11.8	18.5	7.8	12.0	16.4	21.3	8.8	13.6	18.6														
		Three phase	COP	kVA/kWe							7.3/5.8	14.4/11.5	22.6/18.1	9.4/7.5	14.6/11.7	20.0/16.0	26.0/20.8	10.6/8.5	16.5/13.2	22.7/18.2	31/24	39/31			45/36	61/50	86/69	90/82	122/98		
			PRP	kVA/kWe							7.6/6.1	15.1/12.1	23.7/18.9	9.9/7.9	15.3/12.2	21.0/16.8	27.3/21.8	11.1/8.9	17.3/13.8	23.9/19.1	34/27	43/34			50/40	68/55	95/77	100/91	136/109		
			ESP	kVA/kWe							8.0/6.4	15.8/12.6	24.9/19.9	10.3/8.2	16.0/12.8	22.0/17.6	28.6/22.9	11.6/9.3	18.2/14.6	25.0/20.0	37/30	47/37			55/44	75/61	105/85	110/100	150/120		
	3600 r/min	Single phase	COP	kVA/kWe	LTP rated (kW) 2.8	LTP rated (kW) 6.6	LTP rated (kW) 8.3				9.6	15.3	21.4		10.7	16.9	23.8														
			PRP	kVA/kWe	LTP surge (kW) 3.1	LTP surge (kW) 7.2	LTP surge (kW) 8.8				10.1	16.1	22.6		11.2	17.8	25.0														
			ESP	kVA/kWe							10.6	16.9	23.7		11.8	18.7	26.3														
		Three phase	COP	kVA/kWe							12.8/10.2	20.3/16.2	28.3/22.6		14.2/11.4	22.5/18.0	30.9/24.7														
			PRP	kVA/kWe							13.4/10.8	21.3/17.0	29.8/23.8		15.0/12.0	23.7/19.0	32.5/26.0														
			ESP	kVA/kWe							14.1/11.3	22.4/17.9	31.3/25.0		15.7/12.6	24.9/19.9	34.1/27.3														
Engine	Cylinders	Number of cylinders	1	1	1	1	2	3	2	3	4	4	2	3	4	3	3	4	3	4	6	6	6	6	6	6					
	Injection / Ignition	D=direct, I=indirect TCI = ignition	TCI	TCI	TCI	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D					
	Aspiration	N=natural, T=turbo, I=intercooled	N	N	N	N	N	N	N	N	N	T	N	N	N	N	T	N	T	T	T	T	I	I	I	I					
Alternator	Single Bearing, brushless, solid state AVR, class H insulation, IP21-3 protection		Y (brush)	Y (brush)	Y (brush)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					
Battery	Battery and leads supplied		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					
Control System	Electronic digital control module, automatic shutdown protection		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					
	Emergency stop button(s)		N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					
Operation Mode	Manual / Remote=MR Automatic mains failure=AMF		M	M	M	MR/AMF	MR/AMF	MR/AMF	ME/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF	MR/AMF					
Noise Rating	At 75% load, dBA at 7m	1500/1800				64/65	64/65	64/65	64/65	64/65	64/66	62/63	64/65	64/65	64/66	70/70	72/72	72/72	74.5/74.5	75/75	75/75	75/75	75/75	76/76	76/76	78.5/78.5					
		3000/3600											75/77	75/77	75/77																
Silencers	E=engine mounted, R=residential, ()=optional																														
Open set	Weight	kg	56	103	358	428	518	375	395	434	444	375	395	434	740	935	1005	935	1050	1250	1530	1620	1670	1770							
		lb	123.5	227.1	789	944	1142	825	871	957	979	825	871	957	1631	2061	2216	2061	2315	2756	3373	3571	3682	3792							
	Length	mm	602 (952)	690 (1111.5)		1400							1436			1700		1800		1900	2150	2350		2550							
		in	23.7 (37.5)	27.2 (43.8)		55.0							56.5			66.9		70.9		74.8	84.6	92.5		100.4							
	Width	mm	470 (654)	525 (700)		698							698			800		820		970				1000							
		in	18.5 (25.7)	20.7 (27.6)		27.5							27.5			31.5		32.3		38.2				39.4							
	Height (high speed)	mm	440 (553)	559 (696)		972			992 (1010)		992 (1086)		992 (1010)			1200				1470	1430			1620							
		in	17.3 (21.8)	22 (27.4)		38.0			39 (39.8)		39 (42.8)		39 (39.8)			47.2				57.9	56.3			63.8							
Acoustic set	Weight	kg	412	521	625	463	494	559	569	463	494	559	1225	1304	1485	1304	1520	1820	2010	2580			2630								
		lb	908	1149	1378	1019	1087	1230	1252	1019	1087	1230	2701	2875	3274	2875	3351	4012	4431	5688			5798								
	Length	mm				1675							1675			2600				3200				3400							
		in				65.9							65.9			102.4				126.0				133.9							
	Width	mm				705							705			1050							1100								
		in				27.8							27.8			41.3							43.3								
	Height (high speed)	mm	1100					1100 (1118)		1100 (1218)		1100 (1118)			1290					1470				1850							
		in	43.3					43.3 (44.7)		43.3 (47.9)		43.3 (44.7)			50.8					57.9				72.8							