



# EMERSON

a Century of Manufacturing

## LERROY<sup>®</sup> SOMER

A Century of Experience

### *STRONG MECHANICAL DESIGN*

- COMPACTNESS
- STRENGTH
- ACCESSIBILITY
- MODULARITY
- IP 23 ENCLOSURE
- LOW SOUND LEVEL
- STRONG WINDING PROTECTION

### *OPTIMISED ENGINE COMPATIBILITY*

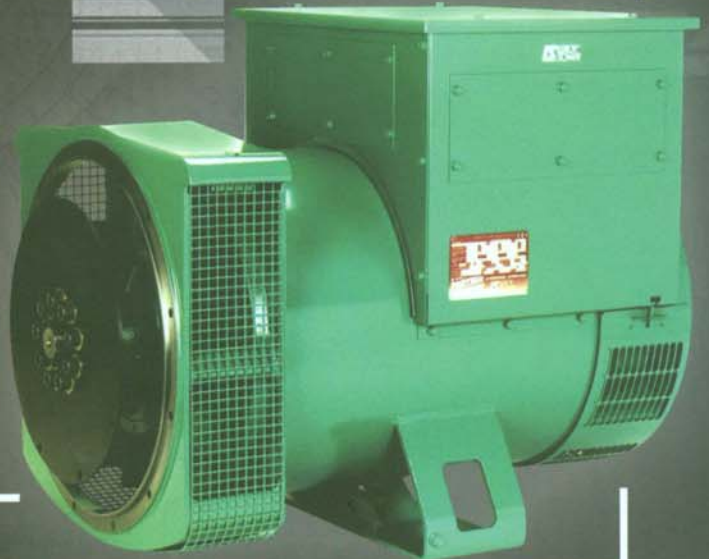
- COUPLING
- INERTIA
- RATINGS

### *WORLD CLASS*

- ELECTRICAL PERFORMANCES
- 12 LEADS, 2/3 PITCH WINDING
- HIGH EFFICIENCIES
- LOW VOLTAGE DIPS
- LOW REACTANCES
- EXCITATION ADAPTED TO THE CUSTOMERS NEEDS:  
SHUNT / SHUNT+PMG / AREP

### *QUALITY / STANDARDS*

- ISO 9001
- EMC COMPLIANCE



STANDARD RATING TABLE - 4 POLES ALTERNATOR  
CLASS H Insulation / CLASS H Temperature Rise

LSA	KVA at 50 Hz			KVA at 60 Hz			Dimension	Weight					
	400V			480V or 240V (1)									
	Cont	ST-BY		Cont	ST-BY								
MODEL	40 C	40 C	27 C	40 C	40 C	27 C	Lenght	Width	Height	Kgs			
SHUNT													
LSA 37 M5	7.5	8	8.5	10	11	12	52	29	36	95			
LSA 37 M6	9	9.5	10	12.5	13	13.5				95			
LSA 37 M7	13	14	14.5	17.5	18.5	19				110			
LSA 37 VL8	17	18	19	21	22.5	12				125			
LSA 422 S4	17.5	20	21	22	25	26	52	35	45	125			
LSA 422 S5	20	24	25	26	30	31				125			
LSA 422 M6	23	27	28	31	35	36				142			
LSA 422 M7	27	30	31	34	37	39				142			
LSA 422 L9	31.5	33.4	35	38	42	44	57	35	45	155			
LSA 432 S1	35	40	45	44	50	56	63	48	58	210			
LSA 432 S15	40	44	47	50	55	63				210			
LSA 432 S25	45	49	52	56	59	69				230			
LSA 432 S35	53	56	58	66	69	77				230			
LSA 432 M45	60	63	66	71	75	87	75	48	58	260			
LSA 432 L65	70	74	77	83	87	102				280			
LSA 432 L8	80	84	88	95	102	107				320			
LSA 442 VS3	90	95	100	115	120	125				76	54	66	385
LSA 442 VS45	105	110	116	131	138	144	385						
LSA 442 S7	120	131	138	155	163	170	440						
LSA 442 S75	135	143	150	169	178	187	440						
LSA 442 M95	150	156	165	188	196	206	94	54	66	495			
LSA 442 L12	165	170	175	206	215	225				550			
LSA 462 M3	180	195	203	228	244	255				97	57	77	585
LSA 462 M5	200	214	223	250	262	273							625
LSA 462 L6	250	254	266	300	324	337	710						
LSA 462 L9	280	290	300	343	357	375	775						
LSA 462 VL12	315	327	341	381	412	429	108	57	77	895			
LSA 472 VS2	365	405	420	456	511	530	110	74	88	976			
LSA 472 S4	410	430	450	512	550	581				1113			
LSA 472 S5	455	471	500	570	592	625				1113			
LSA 472 M7	500	545	570	625	680	700				1240			
LSA 472 M8	550	575	600	690	729	750	120	74	88	1289			
LSA 472 L9	600	630	660	750	780	825				1372			
AREP													
LSA 491 S4	660	693	725	792	830	871	142	80	106	1445			
LSA 491 M6	725	760	800	870	913	957				1645			
LSA 491 M75	800	840	880	960	1008	1023				1645			
LSA 491 L9	880	920	960	1056	1108	1160				1845			
LSA 491 L10	910	955	1000	1092	1146	1200	152	80	106	1845			
LSG 55 C6	1000	1100	1143	1250	1312	1365				2000			
LSA 50.1 M6	1225	1290	1350	1470	1544	1617				165	108	127	2420
LSA 50.1 M7	1325	1390	1460	1590	1670	1750							2580
LSA 50.1 L8	1425	1500	1570	1710	1796	1881	2860						
LSA 50.1 VL10	1580	1660	1740	1900	1991	2086	3160						
LSA 51.2 S55	1800	1890	1980	2160	2265	2375	168	108	140	3745			
LSA 51.2 M60	2000	2100	2200	2400	2520	2640	178	108	140	4040			
LSA 51.2 L70	2150	2255	2365	2580	2710	2835	188	108	140	4445			
LSA 51.2 VL85	2250	2360	2475	2700	2835	2970	198	108	140	4995			