



Introducing the lineup

Model	Speed (rpm)	50Hz	60Hz	Weight Dry (kg)	L x W x H mm
		Output Kw Prime			
LPS/M 35	1500/1800	30	35	780	1570 x 770 x 1200
LPS/M 52	1500/1800	45	52	810	1670 x 770 x 1200
LPS/M 80	1500/1800	65	80	1065	1900 x 770 x 1200
LPS/M 100	1500/1800	80	100	1110	2000 x 770 x 1200
LPS/M 125	1500/1800	110	125	1400	2500 x 930 x 1400
LPS/M 170	1500/1800	145	170	1500	2500 x 930 x 1400
LPS/M 225	1500/1800	185	225	2750	2850 x 1000 x 1565
LPS/M 240	1500/1800	205	240	2750	2850 x 1000 x 1565
LPS/M 260	1500/1800	215	260	2750	2850 x 1000 x 1565
LPS/M 290	1500/1800	250	290	3020	3015 x 1000 x 1585
LPS/M 320	1500/1800	275	320	3120	3100 x 1000 x 1585
LPS/M 360	1500/1800	310	360	4270	3120 x 1030 x 1815
LPS/M 410	1500/1800	360	410	4550	3120 x 1090 x 1815
LPS/M 450	1500/1800	405	450	4960	3120 x 1030 x 1815
LPS/M 540	1500/1800	500	540	5650	3800 x 1320 x 2000
LPS/M 700	1500/1800	580	700	7000	4300 x 1400 x 2200
LPS/M 750	1500/1800	620	750	7000	4300 x 1400 x 2200
LPS/M 850	1500/1800	750	850	7700	4400 x 1360 x 2200
LPS/M 940	1500/1800	820	940	7700	4400 x 1360 x 2200
LPS/M 1160	1500/1800	1040	1160	9100	4700 x 1480 x 2300

CLASSED SOLUTIONS FOR THE MARINE INDUSTRY

All dimensions and ratings are approximate and may vary depending on engine configuration.

Linear Power Systems Pte. Ltd.

322D King George's Avenue • King George's Building • Singapore 208565

email: lineaps@singnet.com.sg

Tel: (+65) 6291-0213 · Fax: (+65) 6293-3937

Gensets are fully classed to major classification societies.

Common Features (subject to engine rating)

Front End Drive	Crank mounted groove pulley or enclosed clutch drive capacity (varies with engine model)
Engine Mounting	Front and rear pad type supports
Flywheel and flywheel housing	SAE housing and flywheel coupling arrangement
Air Intake System	Normal or heavy duty air cleaner
Exhaust Manifold	Water cooled (varies with engine model)
Exhaust System Accessories	90° elbow
Alternator	12 or 24 volt complete with integral voltage regulator
Starter	12 or 24 volt or pneumatic
Oil Filter	Spin-on filter
Oil Drain	Hand operated or rotary lube oil sump
Cooling System	Keel cooling or heat exchanger with copper nickel tube bundle mounted. Single belt driven or self-priming gear driven sea-water pump.
Engine Governing	Cummins EFC; Barber Coleman, Woodward. Hydraulic or electric
Alternator	Synchronous revolving field, single bearing, salient 4-pole, brushless, drip proof construction, 90°C temperature rise prime power
UCM or HCM	Design rating – class H insulation per NEMA MG1-1.65 and BS2757. The main alternator and exciter insulation systems are impregnated for operation in severe marine environment where salt air, sea spray, chemical corrosion and engine room conditions are installation factors
Stator	Skewed stator and 2/3 pitch windings minimize field heating and voltage harmonics
Rotor	Dynamically balanced assembly. Direct coupled to engine by flexible drive disc. Complete amortisseur (damper) windings reduce voltage deviations and heating effects under unbalanced loads
Instrumentation	Water temp, Oil Pressure and Tachometer mounted on a local operating panel. Warning and shutdown for overspeed.

Marine auxiliary generator set can be certified to major classification authorities. Please specify with order.



Linear Power Systems Pte. Ltd.

322D King George's Avenue • King George's Building • Singapore 208565

email: lineaps@singnet.com.sg

Tel: (+65) 6291-0213 · Fax: (+65) 6293-3937