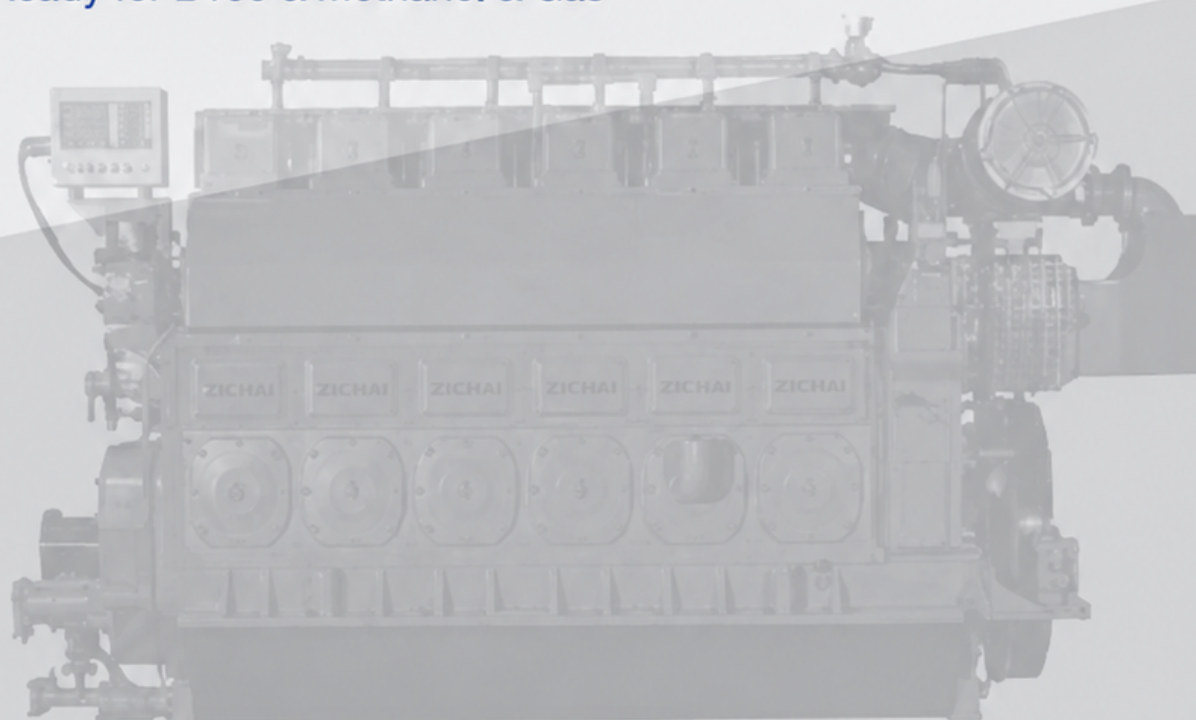




Quality manufacturer of marine diesel,
gas and methanol engines.

Ready for B100 & Methanol & Gas



Product Overview

Zichai is leading manufacturer in marine diesel engines, LNG/diesel, LPG/diesel, methanol/diesel dual fuel engines and LNG gas engines of in-line series with power from 120kW to 5880kW namely N520, N330, N23, N26, L23V, L26, L230, Z2000, Z183, Z218, V112, EY26K generator sets and automatic generator sets with power from 120kW to 6200kVA, with different fuel such as diesel oil, heavy fuel oil, dual fuel oil and biomass gas, which use the above listed engines as prime power.

Model	Continuous Power (KW/PS)	Speed (r/min)
Z6170ZLCZ-14	250 / 339	1200
Z6170ZLCZ-5	260 / 353	1200
Z6170ZLCZ-8	300 / 407	1200
Z6170ZLCZ-12	350 / 475	1300
Z6170ZLCZ-18	385 / 523	1200
Z6170ZLCZ-7	400 / 543	1500
Z8170ZLCZ-3	450 / 611	1500
Z8170ZLCZ-16	480 / 673	1500
Z6180ZLCZ-3	400 / 543	1350
Z6180ZLCZ-4	476 / 646	1200
Z6180ZLCZ-2B	500 / 679	1200
Z6180ZLCZ-2B	500 / 761	1350
Z6180ZLCZ-1	600 / 815	1500
Z8180ZLCZ-12	514 / 698	1200
Z8180ZLCZ-3	585 / 803	1350
Z8180ZLCZ-4	681 / 938	1500
Z8180ZLCZ-3A	735 / 1003	1350
Z8180ZLCZ-1	800 / 1007	1500
ZC6200ZLC-6	735 / 1003	1000
ZC6200ZLC-5	794 / 1089	900
ZC6200ZLC-2	882 / 1203	1000
ZC6200ZLC-4	893 / 1214	900
ZC6200ZLC-1	992 / 1348	1000
ZC6200ZLC-3	992 / 1348	900
ZC6200ZLC-5B	1000 / 1359	1000
ZC6200ZLC-6B	1103 / 1500	1000
ZC6200ZLC-9	1218 / 1650	1000
6210ZLC-6	620 / 800	750
6210ZLC-5	735 / 1000	800
6210ZLC-8	735 / 1000	1000
6210ZLC-7	808 / 1100	900
6210ZLC-9	808 / 1100	1000
6210ZLC-21	882 / 1200	1000
6210ZLC-24	920 / 1250	1000
6210ZLC-29	1000 / 1359	1000
LC263ZLC-6	920 / 1250	900
LC263ZLC-1	894 / 1218	1000
LC263ZLC-3	992 / 1348	1000
LC263ZLC-2	1000 / 1359	1000
LC263ZLC-1	1103 / 1500	1000
LC263ZLC-10	1213 / 1650	1000
L6230ZLC-3	1213 / 1650	1000
L6230ZLC	1324 / 1800	1000
L6230ZLC-1	1470 / 2070	1000
L9260ZLC.C-6	1000 / 1359	750
L9260ZLC.C-9	1103 / 1500	750
L9260ZLC.C-11	1103 / 1500	825
L9260ZLC.C-23	1213 / 1650	750
L9260ZLC.C-26	1324 / 1800	825
LC8250ZLC-9	1324 / 1800	750
LC8250ZLC	1470/2000	750
LC8250ZLC-11	1617/2200	750
LC8250ZLC-1	1617/2200	825
LC8250ZLC-2	1765/2400	825

Model	Continuous Power (KW/PS)	Speed (r/min)
LC8250ZLC-15	1960/2665	850
6N260ZLC	1544/2100	750
6N260ZLC-2	1544/2100	800
6N260ZLC-1	1610/2190	750
6N260ZLC-3	1654/2250	800
6N260ZLC-4	1654/2250	850
6N260ZLC-5	1765/2400	800
8N260ZLC	2056/2800	750
8N260ZLC-2	2056/2800	800
8N260ZLC-1	2147/2920	750
8N260ZLC-3	2207/3000	800
8N260ZLC-4	2207/3000	850
8N260ZLC-5	2354/3200	850
ZC8270ZLC-5	1470/2000	750
ZC8270ZLC-1	1800/2450	750
ZC8270ZLC-16	1840/2500	700
ZC8270ZLC	1900/2610	800
ZC8270ZLC-15	2000/2720	750
ZC8270ZLC-4	2100/2856	800
ZC8270ZLC-8	2190/2976	800
ZC8270ZLC-3	2000/2720	700
ZC8270ZLC-7	2205/3000	750
ZC8270ZLC-1	2400/3264	750
ZC8270ZLC-11	2450/3300	700
ZC8270ZLC-2	2540/3480	800
ZC8270ZLC-10	2600/3544	750
ZC8270ZLC-3	2720/3700	800
ZC8270ZLC-4	2800/3810	800
6N280ZLC-6	1765/2400	800
6N280ZLC-11	1912/2600	800
6N280ZLC-10	2000/2720	800
6N280ZLC-11	2000/2720	800
6N280ZLC-20	2200/2992	300
6N280ZLC-6	2207/3000	750
6N280ZLC-12	2207/3000	800
6N280ZLC-7	2354/3200	750
6N280ZLC-13	2354/3200	800
6N280ZLC-22	2426/3300	800
6N280ZLC-14	2450/3332	800
6N280ZLC-15	2500/3400	800
6N280ZLC-15	2550/3480	800
6N280ZLC-23	2574/3500	800
6N280ZLC-25	2673/3700	800
6N280ZLC-28	2703/3700	825
6N280ZLC-30	2780/3780	825
6N280ZLC-10	2812/4000	825
8N280ZLC-6	2796/3800	700
8N280ZLC-5	2942/4000	750
8N280ZLC-7	3090/4200	750
8N280ZLC-14	8319/4500	800
8N280ZLC-15	3530/4800	800
8N280ZLC-24	3600/4886	825
8N280ZLC-25	3676/5000	825

In-Line 6**Z 6170 ZLCZ**

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 27.2 Litres
Fuel Consumption	: 185 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 170 x 200
Weight (kg)	: 3200
L x W x H (mm)	: 2580 x 1340 x 1830

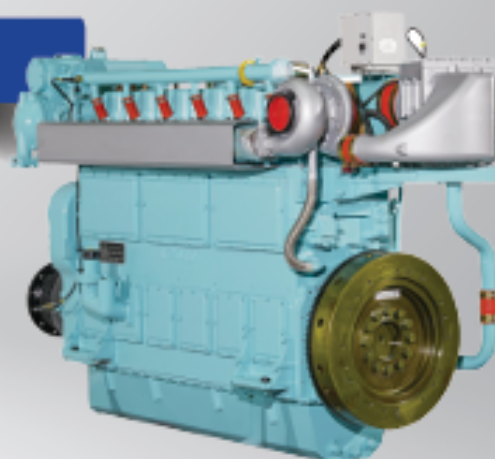
**Model****Continuous Power (KW/PS)****Speed (r/min)****Emissions**

Z6170ZLCZ-14	250 / 339	1200	IMO II
Z6170ZLCZ-5	260 / 353	1200	IMO II
Z6170ZLCZ-6	300 / 407	1200	IMO II
Z6170ZLCZ-12	350 / 475	1300	IMO II
Z6170ZLCZ-18	385 / 523	1200	IMO II
Z6170ZLCZ-7	400 / 543	1500	IMO II
Z6170ZLCZ-8	450 / 611	1500	IMO II
Z6170ZLCZ-35	495 / 673	1500	IMO II

In-Line 6**Z 6180 ZLCZ**

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 27.2 Litres
Fuel Consumption	: 185 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 170 x 200
Weight (kg)	: 3200
L x W x H (mm)	: 2580 x 1340 x 1830

**Model****Continuous Power (KW/PS)****Speed (r/min)****Emissions**

Z6180ZLCZ-8	400 / 543	1350	IMO II
Z6180ZLCZ-4	478 / 649	1500	IMO II
Z6180ZLCZ-9B	500 / 679	1200	IMO II
Z6180ZLCZ-5B	560 / 761	1350	IMO II
Z6180ZLCZ-1	600 / 815	1500	IMO II



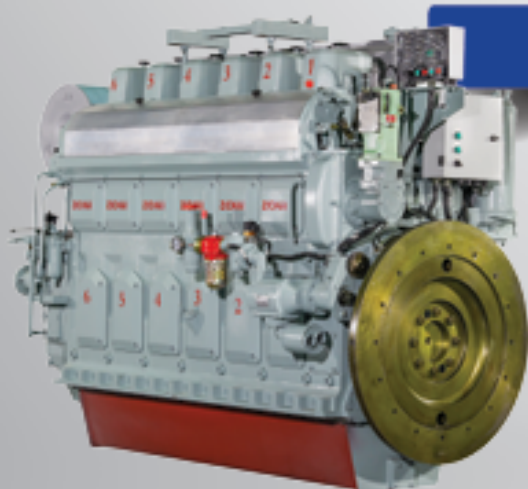
Z 8180 ZLCZ

In-Line 8

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 42.75 Litres
Fuel Consumption	: 185 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 180 x 210
Weight (kg)	: 4500
L x W x H (mm)	: 2986 x 1156 x 1990

Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
Z8180ZLCZ-12	514 / 698	1200	IMO II
Z8180ZLCZ-8	588 / 800	1350	IMO II
Z8180ZLCZ-4	661 / 898	1500	IMO II
Z8180ZLCZ-5A	735 / 1000	1350	IMO II
Z8180ZLCZ-1	800 / 1087	1500	IMO II



ZC 6200 ZLC / D

In-Line 6

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 53.72 Litres
Fuel Consumption	: 185 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 200 x 285
Weight (kg)	: 9300
L x W x H (mm)	: 3107 x 1453 x 2035

Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
ZC6200ZLC-6	735 / 1000	1000	IMO II
ZC6200ZLC-5	794 / 1079	900	IMO II
ZC6200ZLC-2	882 / 1200	1000	IMO II
ZC6200ZLC-4	893 / 1214	900	IMO II
ZC6200ZLC-1	992 / 1348	1000	IMO II
ZC6200ZLC-3	992 / 1348	900	IMO II
ZC6200ZLC-56	1000/ 1359	1000	IMO II
ZC6200ZLC	1103 / 1500	1000	IMO II
ZC6200ZLC-59	1213/ 1650	1000	IMO II

In-Line 6**6210 ZLC**

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 60.27 Litres
Fuel Consumption	: 190 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 210 x 290
Weight (kg)	: <9100
L x W x H (mm)	: 3495 x 1145 x 2452

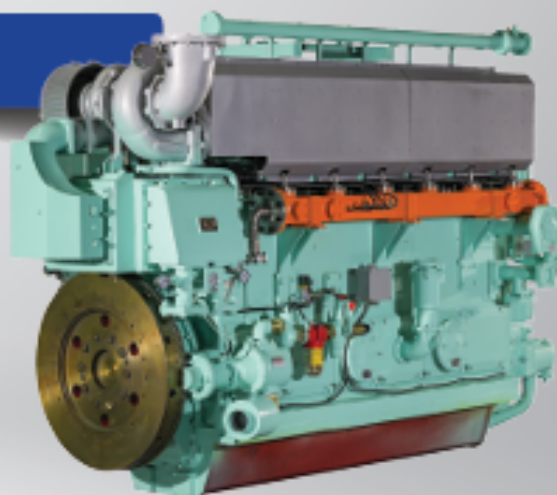


Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
6210ZLC-5	662/ 900	750	IMO II
6210ZLC-6	735 / 1000	830	IMO II
6210ZLC-8	735 / 1000	1000	IMO II
6210ZLC-9	809/ 1100	1000	IMO II
6210ZLC-21	882 / 1200	1000	IMO II
6210ZLC-24	920 / 1250	1000	IMO II
6210ZLC-29	1000 / 1359	1000	IMO II

In-Line 6**L 6230 ZLC**

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 69.18 Litres
Fuel Consumption	: 190 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 225 x 290
Weight (kg)	: <9500
L x W x H (mm)	: 3315 x 1145 x 2452



Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
L6230ZLC-9	920/ 1250	900	IMO II
L6230ZLC-4	950 / 1291	1000	IMO II
L6230ZLC-3	992 / 1348	1000	IMO II
L6230ZLC-2	1000 / 1359	1000	IMO II
L6230ZLC-1	1103 / 1500	1000	IMO II
L6230AZLC-3	1213 / 1650	1000	IMO II
L6230ZLC	1324 / 1800	1000	IMO II
L6230AZLC-1	1470 / 2000	1000	IMO II



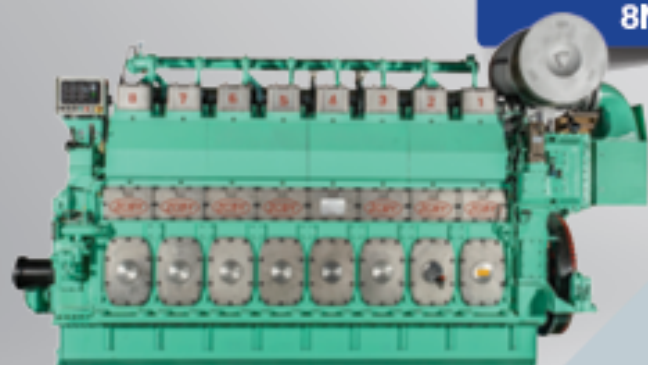
LB 6250 ZLC
LB 8250 ZLC

In-Line 6

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 94,25 & 125,67 Litres
Fuel Consumption	: 190 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 250 x 320
Weight (kg)	: 13500 & 17900
L x W x H (mm)	: 4143 x 1500 x 2567 5250 x 1500 x 2990

	Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
LB 6250 ZLC	LB6250ZLC-6	1000 / 1359	750	IMO II
	LB6250ZLC-9	1103 / 1500	750	IMO II
	LB6250ZLC-23	1213 / 1650	750	IMO II
	LB6250ZLC-26	1324 / 1800	825	IMO II
LB 8250 ZLC	LC8250ZLC-9	1324 / 1800	750	IMO II
	LC8250ZLC	1470 / 2000	750	IMO II
	LC8250ZLC-11	1617 / 2200	750	IMO II
	LC8250ZLC-2	1765 / 2400	825	IMO II
	LC8250ZLC-15	1960 / 2665	850	IMO II



6N 260 ZLC
8N 260 ZLC

**In-Line
6 & 8**

**Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling**

Displacement	: 105.12 & 140.17 Litres
Fuel Consumption	: 188 g/kw.h
Oil Consumption	: 0.8 g/kw.h
Bore x Stroke (mm)	: 260 x 330 - 380
Weight (kg)	: 14000 & 19000
L x W x H (mm)	: 4270 x 1865 x 2837 5345 x 1900 x 3074

	Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
6N 260 ZLC	6N260ZLC	1544 / 2100	750	IMO II
	6N260ZLC-3	1654 / 2250	800	IMO II
	6N260ZLC-5	1765 / 2400	850	IMO II
8N 260 ZLC	8N260ZLC-2	2058 / 2800	800	IMO II
	8N260ZLC-1	2147 / 2920	750	IMO II
	8N260ZLC-3	2207 / 3000	800	IMO II
	8N260ZLC-5	2354 / 3200	850	IMO II

6N 280 ZLC 8N 280 ZLC

In-Line 6 and 8

Four Stroke, Direct Injection,
Turbo Charging, Inter-Cooling



Displacement	: 151.48 & 201.97 Litres	Bore x Stroke (mm)	: 280 x 410
Fuel Consumption	: 188 g/kw.h	Weight (kg)	: 32000 & 38000
Oil Consumption	: 0.8 g/kw.h	L x W x H (mm)	: 5120 x 2317 x 3660 5992 x 2240 x 3822

6N 280 ZLC

Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
6N280ZLC-6	2207 / 3000	750	IMO II
6N280ZLC-7	2354 / 3200	750	IMO II
6N280ZLC-22	2426 / 3300	800	IMO II
6N280ZLC-21	2450 / 3332	800	IMO II
6N280ZLC-14	2500 / 3400	800	IMO II
6N280ZLC-15	2500 / 3400	800	IMO II
6N280ZLC-23	2574 / 3500	800	IMO II
6N280ZLC-24	2703 / 3700	825	IMO II
6N280ZLC-25	2760 / 3750	825	IMO II
6N280ZLC-30	2942 / 4000	825	IMO II

8N 280 ZLC

Model	Continuous Power (KW/PS)	Speed (r/min)	Emissions
8N280ZLC-5	2795 / 3800	750	IMO II
8N280ZLC-6	2942 / 4000	750	IMO II
8N280ZLC-7	3090 / 4200	750	IMO II
8N280ZLC-14	3310 / 4500	800	IMO II
8N280ZLC-15	3530 / 4800	800	IMO II
8N280ZLC-24	3600 / 4896	825	IMO II
8N280ZLC-25	3676 / 5000	825	IMO II

Project Reference



Vietnam 4000DWT oil product tanker

Main Engine : 1 x LC6250ZLC



Indonesia's Ro-Ro passenger ship

Main Engine : 2 x 6N 330 EW



Harbor Tug

Main Engine : 2 x 12V170ZLC



Container Vessel

Main Engine : 2 x ZC6200ZLC-1



Ocean Trawler Fishing Boat

Main Engine : 1 x ZC6200ZLC-2



Tourism Cruise Vessel

Main Engine : 2 x 16V170ZLC



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