



GENERATORS, PUMPS & ENGINES



POWERING THE FUTURE



Generators - A/B/F Series



LC2500



LC3000



LC3800

Model	LC2500 - 3.4 kVa	LC3000 - 3.75 / 4.1 kVa	LC3800 - 4.6 kVa
Engine Model	G200F/G200FD	G200F/G200FD	G240F/G240FD
Engine Type	Single cylinder, 4 stroke, OHV 25° inclined, forced air cooling		
Net Power (hp)	5.5	5.5	7.0
Bore x Stroke (mm)	68 x 54	68 x 54	73 x 58
Displacement (cc)	196	196	242
Compression Ratio	8.5 : 1	8.5 : 1	8.2 : 1
Oil Capacity (L)	0.6	0.6	1.1
Fuel Tank Capacity (L)	18	18	18
Fuel Consumption (g/kW h)	≤ 395	≤ 395	≤ 374
Continuing Time (h)	15	15	13
Rated Frequency (Hz)	50 / 60	50 / 60	50 / 60
Rated Voltage (V)	110 / 115 / 120 / 220 / 230 / 240		
Voltage Regulator System	Automatic voltage regulation		
Rated Output (kW)	2.7	3.0 / 3.3	3.7
Max Output (kW)	2.9	3.3 / 3.7	4.1
Power Factor	1.0	1.0	1.0
Charging Voltage (V)	12 (DC)	12 (DC)	12 (DC)
Charging Current (A)	8.3 (DC)	8.3 (DC)	8.3 (DC)
Starting System	Recoil / Electric start		
Ignition System	Transistorized magneto		
Noise (≤ 4m)	75dBA	76dBA	76dBA
Dimensions (L x W x H mm)	590 x 475 x 460	590 x 475 x 460	680 x 540 x 545
Net Weight (kg)	43 / 45	52 / 54	67 / 70



LC5000DDC



LC6500DDC



LC8000DDC

Model	LC5000DC/LC5000DDC - 5 kVa	LC6500DC/LC6500DDC - 6.24 kVa	LC8000DC/LC8000DDC - 7.5 / 8 kVa
Engine Model	G340F/G340FD	G390F/G390FD	G420F-1/G420FD-1
Engine Type	Single cylinder, 4 stroke, OHV 25° inclined, forced air cooling		
Net Power (hp)	9.5	11	12
Bore x Stroke (mm)	82 x 64	88 x 64	90 x 66
Displacement (cc)	337	389	420
Compression Ratio	8.0 : 1	8.0 : 1	8.3 : 1
Oil Capacity (L)	1.1	1.1	1.1
Fuel Tank Capacity (L)	25	25	25
Fuel Consumption (g/kW h)	≤ 374	≤ 374	≤ 374
Continuing Time (h)	10	9	8
Rated Frequency (Hz)	50 / 60	50 / 60	50 / 60
Rated Voltage (V)	110 / 115 / 120 / 220 / 230 / 240		
Voltage Regulator System	Automatic voltage regulation		
Rated Output (kW)	4.0	5.0	6.0 / 6.5
Max Output (kW)	4.5	5.5	6.5 / 7.0
Power Factor	1.0	1.0	1.0
Charging Voltage (V)	12 (DC)	12 (DC)	12 (DC)
Charging Current (A)	8.3 (DC)	8.3 (DC)	8.3 (DC)
Starting System	Recoil / Electric start		
Ignition System	Transistorized magneto		
Noise (≤ 4m)	76dBA	76dBA	76dBA
Dimensions (L x W x H mm)	680 x 640 x 545	680 x 540 x 545	680 x 540 x 540
Net Weight (kg)	74 / 76	77 / 79	86 / 89

Inverter Generator

Model	LC2000i - 2 kVa
Engine Type	Single Cylinder, 4 stroke, forced cooling OHV
Rated Output (hp)	2.1
Bore x Stroke (mm)	48.6 x 43
Displacement (cc)	79
Compression Ratio	9:1
Oil Capacity (L)	4.2
Fuel Consumption	≤ 395 g/kW h
Continuing Time (h)	7
Rated Frequency (Hz)	50 - 60
Rated Voltage (V)	230/120
Voltage Regulator System	Automatic voltage regulation
Power Factor	1.0
DC Voltage (V)	12
DC Current (A)	8.3
Starting System	Recoil
Ignition System	C.D.I
Noise (≤ 7m)	61dBA
Dimensions (L x W x H mm)	499 x 285 x 455
Net Weight (kg)	21



Pumps - Clean Water Pump Series



LC25ZB21-1.2Q



LC50ZB23-3.1Q



LC80ZB20-3.1Q



LC100ZB30-5.5Q

Model		LC25ZB21-1.2Q	LC50ZB23-3.1Q	LC80ZB20-3.1Q	LC100ZB30-5.5Q
		1"	2"	3"	4"
Pump	Dia. of Discharge Port (mm)	25	50	80	100
	Dia. of Suction Port (mm)	25	50	80	100
	Lift (m)	21	23	20	30
	Delivery Volume (m³/h)	8	30	48	96
	Suction (m)	6	6	6	6
Engine	Engine Model	LC152F	G160F	G160F	G240F
	Displacement (cc)	97	163	163	242
	Net Power (hp)	1.8	4.8	4.8	7.1
	Rated Speed (rpm)	4000	3600	3600	3600
	Dimensions (mm)	380 x 300 x 370	550 x 430 x 390	550 x 430 x 470	635 x 515 x 555
	Net Weight (kg)	13	25	28	49



Chemical Pump

		LC50HZB23-3.1Q
Pump	Dia. of Discharge Port (mm)	50
	Dia. of Suction Port (mm)	50
	Lift (m)	23
	Delivery Volume (m³/h)	35
	Suction (m)	6
Engine	Engine Model	G160F
	Displacement (cc)	163
	Net Power (hp)	4.8
	Rated Speed (rpm)	3600
	Dimensions (mm)	550 x 430 x 470
	Net Weight (kg)	25

Semi Trash Pump



		LC80WB30-4.5Q
Pump	Dia. of Discharge Port (mm)	80
	Dia. of Suction Port (mm)	80
	Lift (m)	30
	Delivery Volume (m³/h)	45
	Suction (m)	6
Engine	Engine Model	G200F
	Displacement (cc)	196
	Net Power (hp)	5.5
	Rated Speed (rpm)	3600
	Dimensions (mm)	590 x 480 x 440
	Net Weight (kg)	25

Horizontal Engines - L-Series Engines



LC152F



LC154F

Model	LC25ZB21-1.2Q	LC50ZB23-3.1Q
Engine Type	SV	Single cylinder, 4-stroke, OHV, forced air cooling
Net Power (hp @ r/min)	1.8 @ 3600	2.1 @ 3600
Net Torque (Nm @ r/min)	3.3 @ 3000	4.5 @ 3000
Bore x Stroke (mm)	52 x 46	54 x 38
Displacement (cc)	97	87
Compression Ratio	5.6 : 1	8.0 : 1
Oil Capacity	0.45	0.35
Fuel Consumption	≤ 450 g/kw h	≤ 450 g/kw h
Oil Consumption	≤ 6.8 g/kw h	≤ 6.8 g/kw h
Idle Speed	1700 ± 150	1800 ± 150
Starting System	Recoil	Recoil
Noise (≤ 7m)	70dBA	70dBA
Dimensions (L x W x H mm)	270 x 270 x 345	310 x 260 x 305
Net Weight (kg)	9	10.5

Horizontal Engines - G-Series Engines



G120F



G160F

Model	G120F	G160F
Engine Type	Single cylinder, 4-stroke, OHV, forced air cooling	
Net Power (hp @ r/min)	3.5 @ 3600	4.8 @ 3600
Net Torque (Nm @ r/min)	7.3 @ 2500	10.3 @ 2500
Bore x Stroke (mm)	60 x 42	68 x 45
Displacement (cc)	118	163
Compression Ratio	8.5 : 1	8.5 : 1
Oil Capacity	0.6	0.6
Fuel Consumption	≤ 395 g/kw h	≤ 395 g/kw h
Oil Consumption	≤ 6.8 g/kw h	≤ 6.8 g/kw h
Idle Speed	1450 ± 150	1450 ± 150
Starting System	Recoil / Electric start	Recoil / Electric start
Noise (≤ 7m)	70dBA	70dBA
Dimensions (L x W x H mm)	341 x 305 x 318	362 x 312 x 335
Net Weight (kg)	13	15



Horizontal Engines - G-Series Engines



G200F



G240F

Model	G200	G240
Engine Type	Single cylinder, 4-stroke, OHV, forced air cooling	
Net Power (hp @ r/min)	5.5 @ 3600	7.0 @ 3600
Net Torque (Nm @ r/min)	12.4 @ 2500	15.1 @ 2500
Bore x Stroke (mm)	68 x 54	73 x 58
Displacement (cc)	196	242
Compression Ratio	8.5 : 1	8.2 : 1
Oil Capacity	0.6	0.95
Fuel Consumption	≤ 395 g/kw h	≤ 374 g/kw h
Oil Consumption	≤ 6.8 g/kw h	≤ 6.8 g/kw h
Idle Speed	1450 ± 150	1450 ± 150
Starting System	Recoil / Electric start	Recoil / Electric start
Noise (≤ 7m)	70dBA	70dBA
Dimensions (L x W x H mm)	376 x 312 x 335	430 x 380 x 410
Net Weight (kg)	16	24.5

Horizontal Engines - G-Series Engines



G270F



G340F

Model	G270	G340
Engine Type	Single cylinder, 4-stroke, OHV, forced air cooling	
Net Power (hp @ r/min)	8.0 @ 3600	9.5 @ 3600
Net Torque (Nm @ r/min)	16.3 @ 2500	21.6 @ 2500
Bore x Stroke (mm)	77 x 58	82 x 64
Displacement (cc)	270	337
Compression Ratio	8.1 : 1	8 : 1
Oil Capacity	0.95	1.1
Fuel Consumption	≤ 374 g/kw h	≤ 374 g/kw h
Oil Consumption	≤ 6.8 g/kw h	≤ 6.8 g/kw h
Idle Speed	1450 ± 150	1450 ± 150
Starting System	Recoil / Electric start	Recoil / Electric start
Noise (≤ 7m)	70dBA	70dBA
Dimensions (L x W x H mm)	430 x 380 x 410	450 x 405 x 443
Net Weight (kg)	25	31



Horizontal Engines - G-Series Engines



G390F



G420F

Model	G390	G420
Engine Type	Single cylinder, 4-stroke, OHV, forced air cooling	
Net Power (hp @ r/min)	11 @ 3600	12 @ 3600
Net Torque (Nm @ r/min)	25.1 @ 2500	26.5 @ 2500
Bore x Stroke (mm)	88 x 64	90 x 66
Displacement (cc)	389	420
Compression Ratio	8 : 1	8.3 : 1
Oil Capacity	1.1	1.1
Fuel Consumption	≤ 395 g/kw h	≤ 374 g/kw h
Oil Consumption	≤ 6.8 g/kw h	≤ 6.8 g/kw h
Idle Speed	1450 ± 150	1450 ± 150
Starting System	Recoil / Electric start	Recoil / Electric start
Noise (≤ 7m)	70dBA	70dBA
Dimensions (L x W x H mm)	450 x 405 x 443	450 x 405 x 443
Net Weight (kg)	31	31

Vertical Engines - Small Shaft Series



LC1P61FA



LC1P65FA



LC1P70F



LC1P68FA



LC1P70FA

Model	LC1P61FA	LC1P65FAa	LC1P68FA	LC1P70F	LC1P70FA
Engine Type	Single cylinder, 4-stroke, forced air cooled, OHV				
Net Power (hp @ r/min)	3.6 @ 3600	4 @ 3600	5.3 @ 3600	4.4 @ 3600	4.8 @ 3600
Net Torque (Nm @ r/min)	7 @ 2500	8.3 @ 2500	9.5 @ 2500	9 @ 2500	10.5 @ 2500
Bore x Stroke (mm)	61 x 48	65 x 48	68 x 51	70 x 45	70 x 51
Displacement (cc)	140	159	185	173	196
Compression Ratio	8.5 : 1	8.4 : 1	8.3 : 1	8.4 : 1	
Fuel Consumption	≤ 395 g/kw h				
Oil Consumption	≤ 6.8 g/kw h				
Idle Speed	1800 ± 150				
Starting System	Recoil / Electric start				
Dimensions (L x W x H mm)	371 x 338 x 275		385 x 358 x 278	379 x 358 x 278	385 x 358 x 278
Net Weight (kg)	12	11.8	12.5	13.1	12.8

Vertical Engines - V-Twin Series



Series LC2P77F



Series LC2P80F



Series LC2P82F

Model	LC2P77F	LC2P80F	LC2P82F
Engine Type	V-twin cylinders, 4-stroke, air-cooled, OHV		
Net Power (hp @ r/min)	17 @ 3600	19 @ 3600	25.5 @ 3600
Net Torque (Nm @ r/min)	44 @ 2400	48 @ 2400	49 @ 2400
Bore x Stroke (mm)	77 x 76	80 x 76	82 x 76
Displacement (cc)	708	764	803
Compression Ratio	8.7 : 1		
Fuel Consumption	≤ 379 g/kw h		
Idle Speed	1650 ± 100 r/min		
Starting System	Electric start		
Dimensions (L x W x H mm)	466 x 480 x 356		
Net Weight (kg)	42		

Vertical Engines - Large V-Shaft



Series LC1P88F-1



Series LC1P90F-1



Series LC1P92F-1

Model	LC1P88F-1	LC1P90F-1	LC1P92F-1
Engine Type	Single cylinder, 4-stroke, forced air-cooled, OHV		
Net Power (hp @ r/min)	9.6 @ 3600	10.5 @ 3600	12.3 @ 3600
Net Torque (Nm @ r/min)	20 @ 2600	22 @ 2600	24 @ 2600
Bore x Stroke (mm)	88 x 68	90 x 68	92 x 68
Displacement (cc)	413	432	452
Compression Ratio	8.1 : 1	8.2 : 1	8.8 : 1
Fuel Consumption	≤ 395 g/kw h		
Oil Consumption	≤ 6.8 g/kw h		
Idle Speed	1850 ± 100 r/min		
Starting System	Electric		
Dimensions (L x W x H mm)	432 x 388 x 300		
Net Weight (kg)	31		



Horizontal Engines - V-Twin Engine

Model	LC2V78FD-1
Engine Type	V-Twin, 4-stroke, OHV, forced air cooling
Net Power (hp @ r/min)	19.7 @ 3600
Net Torque (Nm @ r/min)	43.5 @ 2500
Bore x Stroke (mm)	78 x 71
Displacement (cc)	678
Compression Ratio	8.5 : 1
Fuel Consumption	≤ 360 g/kw h
Idle Speed	1500 ± 150
Speed Fluctuate Ratio	≤ 10%
Starting Mode	Electric
Dimensions (L x W x H mm)	510 x 400 x 450
Net Weight (kg)	43



Dealer Stamp

