

6DL Engine

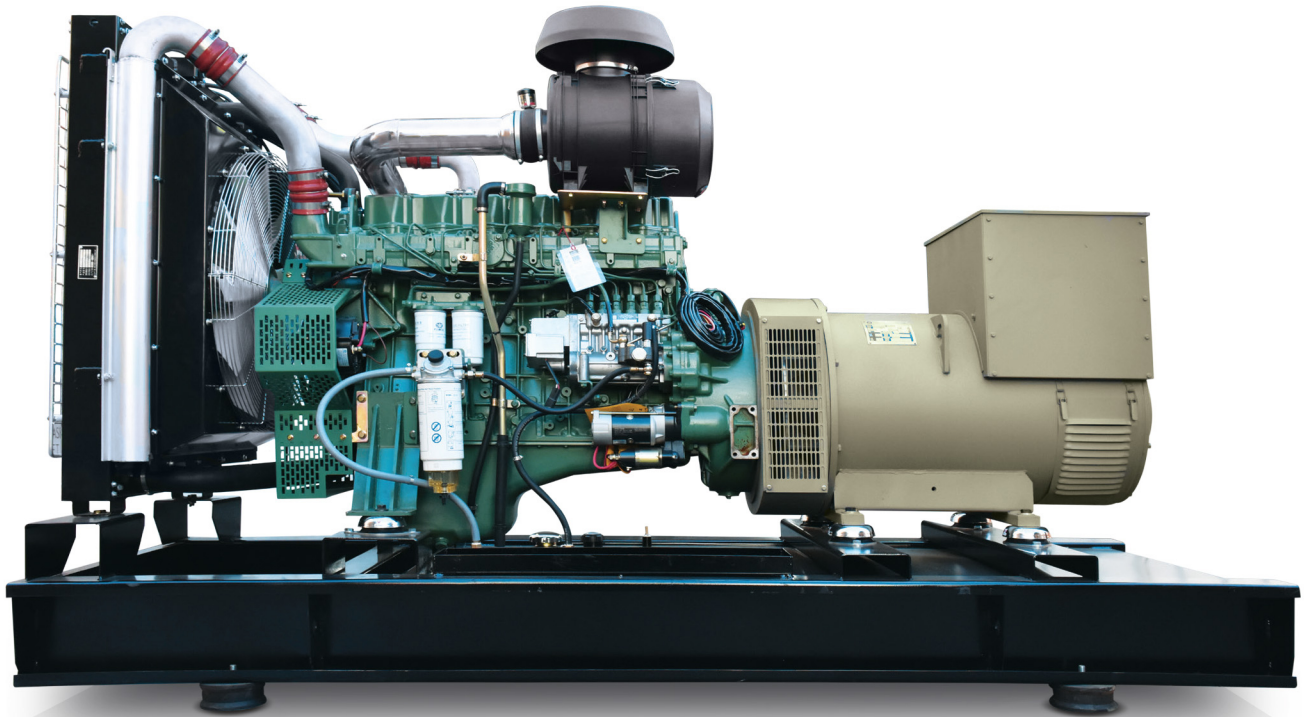
CA6DL1 - 24D
CA6DL2 - 27D
CA6DL2 - 30D

→ 6DL Engine Technical Data

Engine model	CA6DL1 - 24D	CA6DL2 - 27D	CA6DL2 - 30D
Type	In Line , 6 Cylinder , 4 Stroke		
Air Intake Type	Turbo & Intercooling	Turbo & Intercooling	Turbo & Intercooling
Cooling Mode	Water Cooling	Water Cooling	Water Cooling
Governor Mode	Electronic	Electronic	Electronic
Bore x Stroke (mm)	110 X 135	112 X 145	112 X 145
Compression Ratio	17.5:1	17.5:1	17.5:1
Rated Speed (rpm)	1500	1500	1500
Displacement (Liter)	7.7	8.57	9
Prime Power (KW)	176	205	240
Standby Power (KW)	194	226	280
Oil Consumption (L/h)	0.06	0.06	0.06
Steady state Speed Regulation (%)	≤3	≤3	≤3
Oil Capacity including filter (Liter)	28	30	30
Emission Compliant	Stage II	Stage II	Stage II
Flywheel Hosing Type and Size	SAE 2	SAE 2	SAE 2
Dry Weight of Base (Kg)	780	800	820
Dry Weight of Gen Pac (Kg)	1110	1131	1150
	L x W x H (mm)		
Overall Dimension (Base)	1345 X 750 X 1150	1345 X 750 X 1150	1345 X 750 X 1150
Overall Dimension (Gen Pac)	1698 X 948 X 1490	1698 X 948 X 1490	1698 X 948 X 1490
° 27C Air Consumption (m ³ /min)	12	14	15
Heat Rejection Of Exhaust (Kw)	126	140	160
Exhaust Gas Temp after turbine (°C)	460	470	470
Exhaust Gas Flow (m ³ /min)	34	40	45
Heat Rejection From Engine (Kw)	10.8	12	13.2
Heat Rejection of Coolant (Kw)	86	96	106
Alternator	28 V (75A)	28 V (75A)	28 V (75A)
Starter Motor	24 V (6KW)	24 V (6.2KW)	24 V (6.2KW)

240-350 KVA

Genset Model	Engine Model	Alternator Model							Dimension			Weight (Kg)
			Prime (KVA)/40C	Standby (KVA)/40C	Standby (KVA)/27C	Circuit Breaker (Amp)	Fuel Tank (L)	Consumption %75(L/h)	Length (mm)	Width (mm)	Height (mm)	
REP240	CA6DL1 - 24D	TWG II 274H	225	237.5	250	300	280	35.2	2800	1070	1900	2020
REP270	CA6DL2 - 27D	TWG II 314BC	250	270	275	400	350	39.5	3000	1170	1900	2220
REP350	CA6DL2 - 30D	TWG II 314DC	325	350	375	500	350	43	3000	1170	1900	2350



240-350 KVA

