

6DF Engine

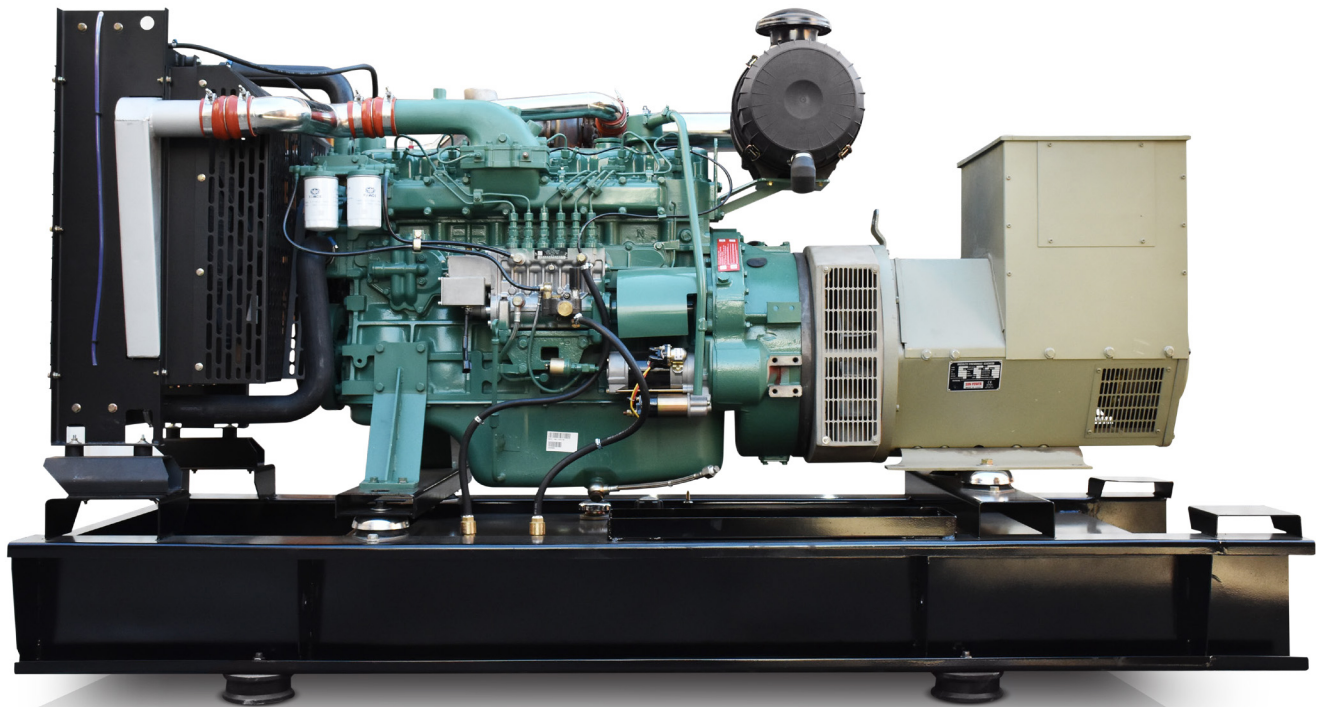
CA6DF2D - 14D
CA6DF2 - 17D
CA6DF2 - 19D

→ 6DF Engine Technical Data

Engine model	CA6DF2D - 14D	CA6DF2 - 17D	CA6DF2 - 19D
Type	In Line , 6 Cylinder , 4 Stroke		
Air Intake Type	Turbocharged	Turbocharged	Turbo & Intercooling
Cooling Mode	Water Cooling	Water Cooling	Water Cooling
Governor Mode	Electronic	Electronic	Electronic
Bore x Stroke (mm)	110 X 115	110 X 125	110 X 125
Compression Ratio	17:1	17:1	17:1
Rated Speed (rpm)	1500	1500	1500
Displacement (Liter)	6.55	7.13	7.13
Prime Power (KW)	96	125	140
Standby Power (KW)	105	138	154
Oil Consumption (L/h)	0.08	0.08	0.06
Steady state Speed Regulation (%)	≤3	≤3	≤3
Oil Capacity including filter (Liter)	20	20	23
Emission Compliant	Stage II	Stage II	Stage II
Flywheel Hosing Type and Size	SAE 3	SAE 2	SAE 2
Dry Weight of Base (Kg)	650	680	680
Dry Weight of Gen Pac (Kg)	850	880	880
	L x W x H (mm)		
Overall Dimension (Base)	1200 X 680 X 1030	1320 X 680 X 1100	1320 X 680 X 1100
Overall Dimension (Gen Pac)	1655 X 805 X 1310	1655 X 805 X 1310	1655 X 805 X 1310
° 27C Air Consumption (m³/min)	7	9	12
Heat Rejection Of Exhaust (Kw)	77	102	120
Exhaust Gas Temp after turbine (°C)	460	470	470
Exhaust Gas Flow (m³/min)	19	25	30
Heat Rejection From Engine (Kw)	14	18	21
Heat Rejection of Coolant (Kw)	60	77	81
Alternator	28 V (45A)	28 V (55A)	28 V (55A)
Starter Motor	24 V (6KW)	24 V (6.2KW)	24 V (6.2KW)

140-190 KVA

Genset Model	Engine Model	Alternator Model							Dimension			
			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)	Weight (Kg)
REP140	CA6DF2D - 14D	TWG II 274D	140	145	150	200	250	21.2	2700	1100	1450	1500
REP170	CA6DF2 - 17D	TWG II 274E	160	170	175	250	250	25	2700	1100	1520	1600
REP190	CA6DF2 - 19D	TWG II 274F	181	187.5	200	250	250	28.5	2700	1100	1550	1680



140-190 KVA

