

6DM Engine

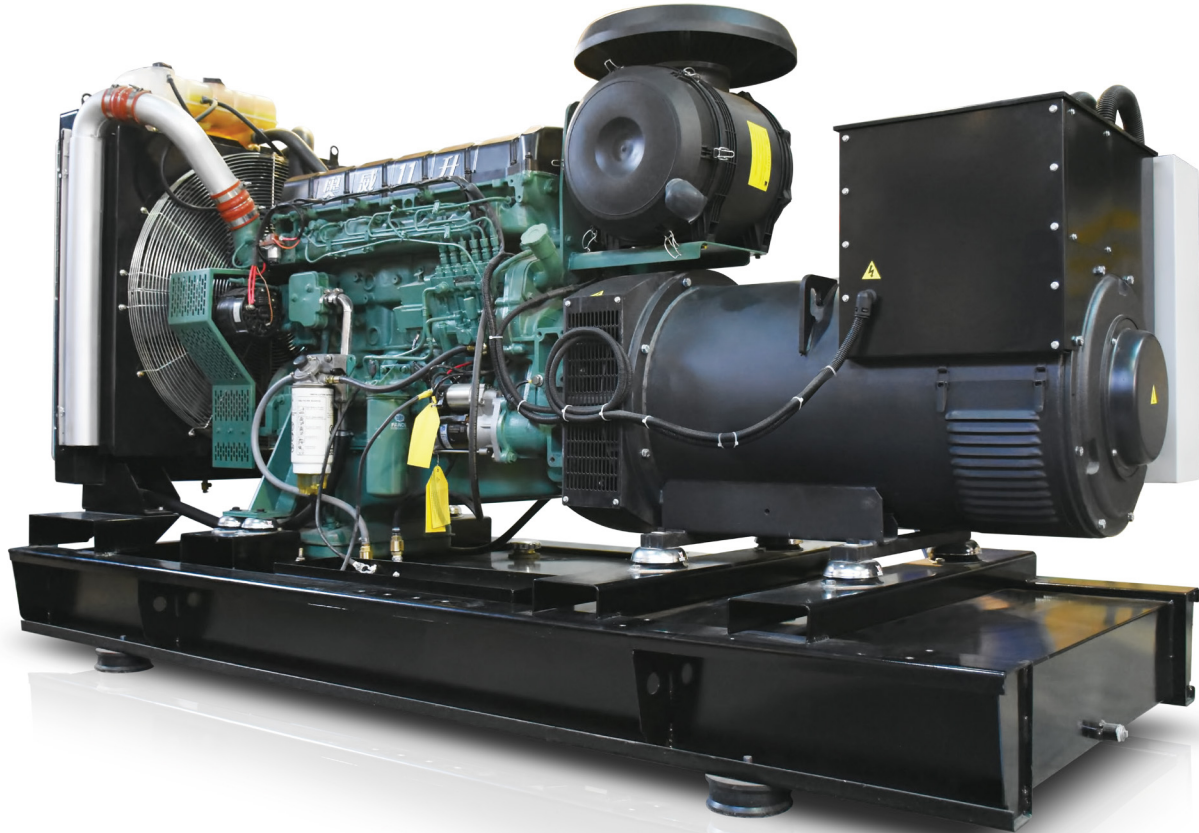
CA6DM2J - 39D
CA6DM2J - 41D

→ 6DM Engine Technical Data

Engine model	CA6DM2J - 39D	CA6DM2J - 41D
Type	In Line , 6 Cylinder , 4 Stroke	
Air Intake Type	Turbocharged	Turbo & Intercooling
Cooling Mode	Water Cooling	Water Cooling
Governor Mode	Electronic	Electronic
Bore x Stroke (mm)	110 x 125	110 x 125
Compression Ratio	17:1	17:1
Rated Speed (rpm)	1500	1500
Displacement (Liter)	4.75	4.75
Prime Power (KW)	65	84
Standby Power (KW)	72	92
Oil Consumption (L/h)	0.06	0.05
Steady state Speed Regulation (%)	≤3	≤3
Oil Capacity including filter (Liter)	16	16
Emission Compliant	Stage II	Stage II
Flywheel Hosing Type and Size	SAE 3	SAE 3
Dry Weight of Base (Kg)	470	480
Dry Weight of Gen Pac (Kg)	540	550
		L x W x H (mm)
Overall Dimension (Base)	970 x 630 x 930	970 x 630 x 930
Overall Dimension (Gen Pac)	1300 x 700 x 938	1300 x 938 860
°27C Air Consumption (m ³ /min)	5	6
Heat Rejection Of Exhaust (Kw)	53	64
Exhaust Gas Temp after turbine (°C)	450	450
Exhaust Gas Flow (m ³ /min)	14	17
Heat Rejection From Engine (Kw)	10	12
Heat Rejection of Coolant (Kw)	40	46
Alternator	28 V (45A)	28 V (45A)
Starter Motor	24 V (5KW)	24 V (5KW)

400-450 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)
REP400	CA6DM2J - 39D	TWG II 314EC	375	400	425	500	400	57	3000	1250	1950	2850
REP450	CA6DM2J - 41D	TWG II 314E	400	425	450	600	400	61	3000	1250	1950	2870



400-450 KVA

