

# KAILO

## Diesel Generator



*New automatic voltage regulator ensures steady voltage output.*

*Low oil pressure alarm system, which can shut down the engine automatically.*

*Electric start system (type E) ensures rapid starts of the set.*

*3-phase output meets the diversified demands from customers.*



# SPECIFICATIONS

Model	KDE12E/EA		KDE2500X/E/T		KDE3500X/E/T		KDE 5500X/E		KDE5500X3/E3		KDE6500X/E		KDE6500X3/E3		KDE8600X/E		KDE8600X3/E3	
Frequency (HZ)	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
Rate power (kVA)	8.5	9.5	1.7	2	2.8	3	4.2	4.8	5.3	6	4.5	5	5.5	6.3	6	6.5	7.5	8
Max. power (kVA)	9.5	10.5	2	2.2	3	3.2	4.5	5.2	6	6.5	5	5.5	6	7	6.5	7	8	8.5
Voltage (V)	115/230	120/240	115/230	120/240	115/230	120/240	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416	115/230	120/240	230/400	240/416
Current (A)	73.9/36.9	79.2/39.6	14.9/7.4	16.7/8.3	24.4/12.2	25/12.5	36.5/18.3	40/20	7.7	8.3	39.1/19.6	41.7/20.8	7.9	8.7	52.1/26.1	54.1/27.1	10.8	11.1
Engine speed (r/min)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
Phase	Single								3-phase		Single		3-phase		Single		3-phase	
Power Factor	1								0.8		1		0.8		1		0.8	
Insulation level	F																	
Pole	2																	
Excitation System	Self-excited constant voltage (AVR)																	
Noise level (7m) dB (A)	75		77		X/E:77 T:72								77					
Fuel tank capacity (L)	25		12.5		X/E:12.5 T:15								12.5					
Structure	open-frame								Frame		T: Silent		open-frame					
Panel	Ordinary EA: Intelligentized		Ordinary															
Output Voltage	78																	
Output socket	Yes		Two				One single-phase, and one				Two		One single-phase, and one		Two		One single-phase, and one	
Output terminal post	Yes		No															
DC12V output	Terminal Post																	
Net weight (kg)	185		X:53 E:56		X:65 E:70 T:140								X:95 E:100					
Dimension (L*W*H) mm	930x620x690		X/E Type: 680 x 530 x 590		X/E: 640 x 480 x 530 T:								760 x 515 x 710					
Engine model	KA840		KA170F		KA178F						KA186FA						KA188F	
Engine type	Two-cylinder, v-type, air-cooled, four-stroke, direct injection		Single-cylinder, vertical, four-stroke, air-cooled, direct injection															
Bore * stroke (mm)	2-86x72		70 x 55		78 x 62		86 x 70		86 x 70		86 x 72		88x75					
Displacement (L)	0.836		0.211		0.296		0.406		0.418		0.456							
Power (kW)	10.3/3000	11.3/3600	2.5/3000	2.8/3600	3.8/3000	4/3600	5.7/3000	6.3/3600	5.7/3000	6.3/3600	5.7/3000	6.3/3600	5.7/3000	6.3/3600	7.5/3000	8.2/3600	7.5/3000	8.2/3600
(g.kW/h)	≤ 340		≤ 280		≤ 288		≤ 276.1		≤ 285.6		≤ 271.5		≤ 280		≤ 271.5		≤ 280	
Compression ratio	19:1		20								19							
Cooled system	air-cooled																	
Lubrication system	Pressure Splashed				Spring				Pressure Splashed									
Engine starting system	Electric Starter						Type X: Recoil starter		Type E: Electric starter									
Fuel Type	Summer:0# Winter:-10# Chill:-35# diesel oil		Summer:0# Winter:-10#															
Lube oil model	L-ECD (LEVEL) 15W30 Or 15W40		SAE10W-30(CD) (above CD grade)															
Lub oil capacity (L)			0.75		1.1								1.65					
Battery capacity (V-AH)	12V-36Ah																	
Continual Running Time	7	6.5																

Note: All data subject to alteration without notice.

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