

VLAIS 75KVA-100KVA Ricardo Engine Silent Type Diesel Generator set			
Model	75kva	85kva	100kva
Model number	KDE-75000	KDE-85000	KDE-100T
Prime output(KVA/KW)	75/60	85/68	100/80
Standby.output(KVA/KW)	82.5/66	93.5/74.8	110/88
Frequency(HZ)	50		
Rated voltage(V)	220/380, 230/400 (Three/Single phase)		
Rated current(A)	114	121	152
Engine Model	R4108IZD/75kw	R4108IZLD/84kw	6105AZLD/121kw
Engine Type	Multi-cylinder, Vertical In line, Direct Injection, 4-stroke diesel engine with forced liquid cooling, Turbo charged and electric starter.		
Alternator(Stamford type)	CP-224F/60kw	CP-224G/68kw	CP-274C/80kw
Alternator Type	Self-excitation, constant voltage(AVR), Single bearing, All copper and brushless		
Cylinder number	4	4	6
Bore*stroke(mm)	108*125	108*135	105*130
Fuel consumption(L/kw.h)	0.27	0.26	0.26
Fuel consumption(L)at full load	16.2	18.36	26
Displacement(L)	4.33	4.33	6.75
Compression ratio	100L	100L	150L
Fuel Tank Capacity(L)	19:01	19:01	19:01
Starting system	Electric starter	Electric starter	Electric starter
Rated rotation speed[rpm]	1500	1500	1500
Certificate	CE;ISO9001	CE;ISO9001	CE;ISO9001
Power factor Cos%	0.8	0.8	0.8
Insulation grade	H	H	H
Dimension (L*W*H)mm	2270*1030*1280	2800*1080*1500mm	2800*1080*1500mm
Net weight(KG)	1100kg	1200kg	1300kg
Operating temperature	from -18°C to + 50°C		
Protection	Automatic thermal overcurrent		

Characteristics

1.Digital Control panel (with voltage selection between the phase)

2. Convenient electric start; Loading hook for easy transport ;

3. Output terminals

4. Ultracomposite cover(Super silent)

5. Improved oil and air filters

6. Emergency stop button of the power plant

7. Fuse switch

8. The load indication ;Improved AVR(Automatic Voltage Regulator)

9. One set parts for accessories parts(air/oil/fuel filters)

