

## 125KVA-250KVA Ricardo Engine Silent Diesel Power Generator set

Model	125KVA	200KVA	250KVA	300KVA
Model number	<b>KDE-125T</b>	<b>KDE-200T</b>	<b>KDE-250T</b>	<b>KDE-300T</b>
Prime output(KVA/KW)	125/100	200/160	250/200	300/240
Standby.output(KVA/KW)	137.5/110	220/175	275/220	325/260
Frequency(HZ)	50			
Rated voltage(V)	220/380V, 230/400 (Three/Single phase )			
Rated current(A)	190	304	380	455.8
Engine Model	R6105IZLD/121kw	6D10D182A/200kw	6D10D235A/258kw	6D10D258A/283k
Engine Type	6-cylinder, Vertical In line, Direct Injection, 4-stroke diesel engine with forced liquid cooling, Turbo charged and electric starter.			
Alternator Model	CP-274D/96kw	CP-274H/160kw	STF314C/200kw	STF314D/240kw
Alternator Type	Self-excitation, constant voltage(AVR), Single bearing, All copper and brushless			
Controller Panel	Mebay DC52D Digital LCD display panel			
Cylinder number	6	6	6	6
Bore*stroke(mm)	105*135	135*150	135*150	135*150
Fuel consumption(L/kw.h)at full load	26	41.6	52	62.4
Fuel Tank Capacity(L)	150L	350L	430L	500L
Compression ratio	19:01	19:01	19:01	19:01
Starting system	Electric starter			
Displacement(L)	6.75	9.726	9.726	9.726
Rated rotation speed[rpm]	1500	1500	1500	1500
Power factor Cos%	0.8	0.8	0.8	0.8
Certificate	CE; ISO9001			
Insulation grade	H	H	H	H
Dimension ( L*W*H)m	2.8*1.08*1.5	3.06*1.23*1.69	3.8*1.4*2.3	3.85*1.5*2.3
Net weight(KG)	1600	1800	2000	2200
Operating temperature	from -18°C to + 50°C			
Protection	Automatic thermal overcurrent			

**(with synchronous alternator+all copper+brushless+ats+silent canopy)**

**Accessories: Filters, Gasket, Manul user and Maintenance brochure etc**

## 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)

