



## MAIN TECHNICAL PERFORMANCE PARAMETER

- 1.No-load voltage setting range:  $\geq (95-105) \%$ ;
- 2.Steady state voltage regulation rate:  $\leq \pm 1\%$ ;
- 3.Transient state voltage regulation rate:  $\leq -15\% \sim +20\%$ ;
- 4.Voltage recover time:  $\leq 2s$ ;
- 5.Voltage fluctuation rate:  $\leq \pm 0.5\%$ ;
- 6.Steady state frequency regulation rate:  $\leq 5\%$ ;
- 7.Transient state frequency regulation rate:  $\leq \pm 10\%$ ;
- 8.Frequency stabilization time:  $\leq 3s$ ;
- 9.Line-voltage waveform sinusoidal distortion rate:  $\leq 2.5\%$ ;
- 10.Voltage fluctuation rate (between cold state and hot state)  $\leq 2\%$ .

## RICARDO POWER SERIES DIESEL GENERATOR SETS

Main technical parameters											
Type	CGE-24GF	CGE-30GF	CGE-40GF	CGE-50GF	CGE-64GF	CGE-75GF	CGE-100GF	CGE-120GF	CGE-150GF		
Rated Power (KW)/(KVA)	24/30	30/38	40/50	50/63	64/80	75/94	100/125	120/150	150/188		
Rated Voltage (V)	400/230										
Rated Current (A)	43.2	54.1	72.2	90.2	115.5	135.3	180.4	216.5	270.7		
Rated Frequency (HZ)	50/60										
Rated Revolving Speed (r/min )	1500/1800										
Rated Power Factor	LAG										
Phases Arrangement	( 3P4W )										
Fuel Consumption (g/kw.h)	230	230	230	230	215	220	210	210	205		
Diesel Engine	Type	R4100D	R4100D	R4105D R4100ZD	R4105ZD R6105D	R6105ZD	R6105ZD	R6105AZLD	R6105IZLD	R6113ZLD	
	12h power/standby power(KW)	36/39.6	36/39.6	42/48.2 47/51.7	56/61.6 58/63	84/92.4	84/92.4	110/121	132/145.5	155/170.5	
	Starting Mode	DC24V Electrical Starting DC24V									
	Speed Regulation Mode	Mechanical									
Alternator	Type	Stamford / Marathoon /CGE									
	Rated Power (KW)	24	30	40	50	64	75	100	120	150	
	Excitation Mode	Brushless or Brush Excitation With AVR									
	Insulation Class	H(Temperature rise limit:125K)									
	Protection Class	IP22									
Dimension	1800*850*1300	1800*860*1300	1900*860*1500	1900*860*1500	2280*900*1600	2280*900*1600	2400*900*1650	2400*900*1650	2400*1000*1800		
Net Weight (Kg)	700	750	950	950	1100	1100	1500	1500	1600		

Note: The modification of the product appearance or technical parameters, which is a result of technique improvement, will not be announced additionally.