



500KW-1500KW

Main technical Specification of 500kw-1500kw Gas generator set

Generating Sets	Items	Technical specification							
	Type of the sets	500GF	600GF	800GF	1000GF	1000GFL	1200GFH	1200GFL	1500GFH
	(KW) Rated output	500	600	800	1000	1000	1200	1200	1500
	(V) Rated voltage	0.4							
	(A) Rated Current	900	1080	1440	1804	1804	2160	2160	2700
	Rated Frequency	50/60							
	COS Power submultiples	0.8 Lagging							
	Mode of excitation	Blushless							
	Phase & Connection	3 phases 4 wires							
	Generator Model	IFC6-500KW SIEMENS	IFC6-600KW SIEMENS	IFC6-800KW SIEMENS	IFC6-1000KW SIEMENS	IFC6-1000KW SIEMENS	IFC6-1200KW SIEMENS	IFC6-1200KW SIEMENS	IFC6-1500KW SIEMENS
Engine	Set Overall Dimensions(mm)	6500 × 1830 × 3100		8287 × 2421 × 2782		8287 × 2421 × 2782		8287 × 2421 × 2782	
	(kg) System weight	21000		40000		40000		50000	
	Type of the engine	R8300-L5	R8300-H6	R16V300-L8	R16V300-H10	R16V300-L10	R16V300-L12	R16X300-L12	R16X300-H10
	Model	4cycle,Line type,Spark Plug Lgnition						4cycle,V-built,Spark Plug Lgnition	
	Cylinder No.	8		16		16		16	
	(mm) Cylinder diameter	300		300		300		320	
	(mm) Stroke	380							
	(L) Displacement	215		430		430		489	
	(KW) Rated output	500	660	880	1100	1100	1300	1320	1650
	(r/min) Rated Speed	600		500		600		600	
	Mean Piston Speed	7.6		6.33		7.6		7.6	
	Mean effective pressure	0.461	0.553	0.491	0.614	0.461	0.545	0.486	0.575
	Rotating direction (seen from flywheel end)	Counter Clockwise							
	Top explosive pressure	≤5.5	≤6.6	≤5.5	≤6.7	≤5.5	≤6.8	≤5.5	≤6.7
	Exhaust temperature of cylinder	≤580							
	(kPa) Gas pressure	2.5							
	g/kW * h)	1.6							

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!