



# Intech • Yanmar Series Diesel Generator Sets Technical Specific



	GENSET MODEL	IG9Y	IG11Y	IG14Y	IG16Y	IG19Y	IG22Y	IG30Y	IG37Y	IG45Y	IG55Y	IG62Y	
Rated power	Prime (KW / KVA)	6.5/8	8/10	10/12.5	11.6/14.5	14/17	16/20	22/27.5	26.5/33	32.8/41	40/50	45/56	
	Standby (KW / KVA)	7/8.8	8.8/11	11/13.8	12.8/16	15/18.6	17.6/22	24/30	30/37	36/45	44/55	50/62	
100% Load	Fuel Consumption. (L/H)	2	2.3	2.7	3.4	4	4.6	5.9	7.3	8.5	10.9	11.6	
ENGINE	Model	3TNV76	3TNV82A	3TNV88	3TNV84T	4TNV88	4TNV84T	4TNV98	4TNV98	4TNV98T	4TNV106	4TNV106T	
	Cylinders and Disposition	3L	3L	3L	3L	4L	4L	4L	4L	4L	4L	4L	
	Speed (r/min)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	
	Speed Governing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	
	Engine Displacement (L)	1.116	1.331	1.642	1.496	2.19	1.995	3.31	3.31	3.319	4.412	4.412	
	Cylinder Bore×Stoke mm	76×82	82×84	88×90	84×90	88×90	84×90	98×110	98×110	98×110	106×125	106×125	
	Compression Ratio	23.5:1	19.2:1	19.1:1	19.0:1	19.1:1	18.9:1	18.5:1	18.5:1	18.1:1	18.0:1	18.0:1	
	Inspiration	Natural	Natural	Natural	Turbocharge	Natural	Natural	Turbocharge	Turbocharge	Turbocharge	Natural	Natural	Turbocharge
	Voltage For Starter (V)	12	12	12	12	12	12	12	12	12	12	12	12
	Max output (kw)	9	11	13.2	15.8	17.7	21	34.1	34.1	41.4	49.4	55.4	
	Engine Oil Capacity (L)	3.5	5.5	6.7	6.7	7.4	7.4	10.5	10.5	10.5	14	14	
Coolant Capacity (L)	0.9	1.8	2	2	2.7	2.7	4.2	4.2	4.2	6	6		
Generator	Design Features												
	Voltage	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	
	Frequency	50	50	50	50	50	50	50	50	50	50	50	
	Insulation Class	H	H	H	H	H	H	H	H	H	H	H	
Genset	Design features	High Strength Steel Structure Underframe, Integration Assemble											