



POWER BY VOLVO ENGINE GENERATOR SETS

MAIN SPECIFICATIONS OF GENERATING SETS(50HZ)							
GENSET MODEL	YN-V94	YN-V110	YN-V143	YN-V165	YN-V206	YN-V220	YN-V275
Prime Power(KW)	68/85	80/100	104/130	120/150	150/188	160/200	200/250
Standby Power(KW/KVA)	75/94	88/110	114/143	132/165	165/206	176/220	220/275
DIESEL ENGINE MODEL	TD520DG	TAD531GE	TAD532GE	TAD731GE	TAD732GE	TAD733GE	TAD734GE
ENGINE CHARACTERS	in line,4-stroke diesel,Turbocharged,1500rpm						
NO.of Cylinder	4			6			
Displacement(L)	4.76			7.15			
Prime Power(KW)	75	88	112	133	158	175	213
Standby Power(KW)	83	98	125	148	176	195	238
Bore x Stroke(mm)	108x130						
Compression ratio	17.5	18				17	
Fuel Consumption at 100%load(g/kw.h)	213	218	214	215	213	216	204
Fuel Consumption at 75%load(g/kw.h)	208	218	210	216	213	214	217
Fuel Consumption at 50%load(g/kw.h)	213	225	213	224	219	217	233
Fuel Flow(L/H)	360						300
Oil Consumption(L/h)	0.07	0.08		0.1	0.08	0.09	0.03
Oil Capacity(L)	13			20	34	34	29
Exhaust Gas Flow(m ³ /min)	15.4	18.4	23.2	30.2	35.1	37.2	33.4
Coolant Capacity(L)	22	19.7	20.2	23.8	37.1	37.1	32
Fuel Injection System	Directly Injection,Bosch Pump,Bosch						Elec.Injection, Common Rail
Governor Type	Heinzman/EDC4						Electronic/EMS2
Alternator Model	SLG224G	SLG274C	SLG274E	SLG274F	SLG274H	SLG274H	SLG274K
Prime Power(KW)	68/85	80/100	112/140	128/160	160/200	160/200	200/250
Characters	Brushless,Self-excited,H class insulation,IP21,12 Winding Leads,1500rpm						
Voltage Regulation	±1.0%						
Waveform Distortion	No load < 1.5% and non-distorting balanced linear load < 5%						
THF/TIF	< 2%/ < 50						



Power With Value

POWER BY VOLVO ENGINE GENERATOR SETS

MAIN SPECIFICATIONS OF GENERATING SETS(50HZ)							
GENSET MODEL	YN-V358	YN-V415	YN-V440	YN-V500	YN-V550	YN-V650	YN-V700
Prime Power(KW)	260/325	300/375	320/400	360/450	400/500	473/590	504/630
Standby Power(KW/KVA)	286/358	330/415	352/440	396/495	440/550	521/650	560/700
DIESEL ENGINE MODEL	TAD941GE	TAD1343GE	TAD1344GE	TAD1345GE	TAD1641GE	TAD1642GE	TWD1643GE
ENGINE CHARACTERS	in line,4-stroke diesel,Turbocharged,1500rpm						
NO.of Cylinder	6						
Displacement(L)	9.36	12.78			16.12		
Prime Power(KW)	281	325	354	388	430	503	536
Standby Power(KW)	310	356	389	431	473	554	596
Bore x Stroke(mm)	120x138	131x158			144x165		
Compression ratio	17.4	18.1			16.5		
Fuel Consumption at 100%load(g/kw.h)	202	192	194	196	199	198	199
Fuel Consumption at 75%load(g/kw.h)	200	193	197	197	196	195	196
Fuel Consumption at 50%load(g/kw.h)	208	200	200	199	199	195	196
Fuel Flow(L/H)	108	120			170	180	190
Oil Consumption(L/h)	0.04				0.1		
Oil Capacity(L)	40	36			48		
Exhaust Gas Flow(m³/min)	52.2	60	67.5	58	92	100.7	111.8
Coolant Capacity(L)	41	44			60	60	95
Fuel Injection System	Elec.Injection,Elec.Fuel System						
Governor Type	Electronic/EMS2						
Alternator Model	SLG314G	SLG314F	SLG314G	SLG354C	SLG354D	SLG354E	SLG354FS
Prime Power(KW)	260/325	304/380	320/400	360/450	400/500	480/600	504/630
Characters	Brushless,Self-excited,H class insulation,IP21,12 Winding Leads,1500rpm						
Voltage Regulation	±1.0%						
Waveform Distortion	No load \angle1.5% and non-distorting balanced linear load \angle5%						
THF/TIF	\angle2%/\angle50						



POWER BY VOLVO ENGINE GENERATOR SETS

MAIN SPECIFICATIONS OF GENERATING SETS(60HZ)							
GENSET MODEL	YN-V97-60	YN-V115-60	YN-V146-60	YN-V177-60	YN-V227-60	YN-V250-60	YN-V275-60
Prime Power(KW)	70/88	84/105	106/132	129/161	165/206	181/227	200/250
Standby Power(KW/KVA)	77/97	92/115	117/146	142/177	181/227	200/250	220/275
DIESEL ENGINE MODEL	TD520GE	TAD531GE	TAD532GE	TAD731GE	TAD732GE	TAD733GE	TAD734GE
ENGINE CHARACTERS	in line,4-stroke diesel,Turbocharged,1800rpm						
NO.of Cylinder	4			6			
Displacement(L)	4.76			7.15			
Prime Power(KW)	77	93	115	138	171	192	213
Standby Power(KW)	85	104	129	154	192	214	238
Bore x Stroke(mm)	108x130						
Compression ratio	17.5	18				17	
Fuel Consumption at 100%load(g/kw.h)	215	218	222	217	218	222	205
Fuel Consumption at 75%load(g/kw.h)	217	221	218	220	217	220	222
Fuel Consumption at 50%load(g/kw.h)	223	232	224	231	225	222	257
Fuel Flow(L/H)	360						300
Oil Consumption(L/h)	0.07	0.08		0.1	0.08	0.09	0.03
Oil Capacity(L)	13			20	34	34	29
Exhaust Gas Flow(m ³ /min)	15.4	18.4	23.2	30.2	35.1	37.2	33.4
Coolant Capacity(L)	22	19.7	20.2	23.8	37.1	37.1	32
Fuel Injection System	Directly Injection,Bosch Pump,Bosch						Elec.Injection, Common Rail
Governor Type	Heinzman/EDC4						Electronic/EMS2
Alternator Model	SLG224F	SLG274C	SLG274D	SLG274E	SLG274G	SLG274H	SLG274H-1
Prime Power(KW)	70/88	94/118	110/138	134/168	170/213	196/245	200/250
Characters	Brushless,Self-excited,H class insulation,IP21,12 Winding Leads,1800rpm						
Voltage Regulation	±1.0%						
Waveform Distortion	No load < 1.5% and non-distorting balanced linear load < 5%						
THF/TIF	< 2%/ < 50						



POWER BY VOLVO ENGINE GENERATOR SETS

MAIN SPECIFICATIONS OF GENERATING SETS(60HZ)						
GENSET MODEL	YN-V379-60	YN-V440-60	YN-V500-60	YN-V642-60	YN-V687-60	YN-V757-60
Prime Power(KW)	275/344	320/400	365/456	456/570	500/625	550/687
Standby Power(KW/KVA)	303/379	352/440	400/500	513/642	550/687	605/757
DIESEL ENGINE MODEL	TAD941GE	TAD1343GE	TAD1344GE	TAD1641GE	TAD1642GE	TAD1643GE
ENGINE CHARACTERS	in line,4-stroke diesel,Turbocharged,1800rpm					
NO.of Cylinder	6					
Displacement(L)	9.36	12.78		16.12		
Prime Power(KW)	292	353	392	485	532	585
Standby Power(KW)	323	388	431	546	585	644
Bore x Stroke(mm)	120x138	131x158		144x165		
Compression ratio	17.4	18.1		16.5		
Fuel Consumption at 100%load(g/kw.h)	205	200	201	206	209	204
Fuel Consumption at 75%load(g/kw.h)	204	200	200	202	202	198
Fuel Consumption at 50%load(g/kw.h)	214	206	205	204	204	200
Fuel Flow(L/H)	108	120	120	170	180	190
Oil Consumption(L/h)	0.04			0.1		
Oil Capacity(L)	40	36		48		
Exhaust Gas Flow(m ³ /min)	52.2	60	67.5	92	100.7	111.8
Coolant Capacity(L)	41	44		60	60	95
Fuel Injection System	Elec.Injection,Elec.Fuel System					
Governor Type	Electronic/EMS2					
Alternator Model	SLG314D	SLG314E	SLG314F	SLG354D	SLG354E	SLG354E
Prime Power(KW)	280/350	320/400	365/456	475/594	570/713	570/713
Characters	Brushless,Self-excited,H class insulation,IP21,12 Winding Leads,1800rpm					
Voltage Regulation	±1.0%					
Waveform Distortion	No load ∠1.5% and non-distorting balanced linear load ∠5%					
THF/TIF	∠2%/∠50					