



Power With Value

POWER BY MITSUBISHI ENGINE GENERATOR SETS

MAIN SPECIFICATION OF GENERATOR SETS

MODEL	Open type model	SL200	SL236	SL300	SL360	SL474	SL536	SL600	SL620	SL824	SL840
	Soundproof model	SL200S	SL236S	SL300S	SL360S	SL474S	SL536S	SL600S	SL620S	SL824S	SL840S
Prime output (kW/kVA)		200/250	236/295	300/375	360/450	474/593	536/670	600/750	620/775	824/1030	840/1050
Standby output (kW/kVA)		220/275	260/325	330/413	396/495	521/652	590/737	682/853	682/853	906/1132	924/1155

MAIN SPECIFICATION OF GENERATOR SETS

ENGINE MODEL	S6B-PTA	S6B-PTA2	S6B3-PTA	S6A3-PTA	S6R-PTA	S6R2-PTA	S6R2-PTAA	S12A2-PTA	SX2H-PTA	S12H-PTA
Prime output (kW)	235	260	335	400	515	595	645	679	930	930
Standby output (kW)	261	290	370	440	570	655	710	746	1020	1020
Engine characters	4-stroke,turbocharged, watercooled, direct-injection									
Aspiration	water-to-air intercooler				water-to-air intercooler	air-to-air intercooler	water-to-air intercooler			
Numbers of cylinders/Arrangement	6 L							12V		
Bore x Stroke (mm)	135x150		135x170	150x175	170x180	170x220		150x160	150x175	
Displacement (mm)	12.88		14.6	18.56	24.51	29.96		33.93	37.11	
Compression ratio	15.0:1		14.2:1	14.5:1	14.0:1			14.5:1	14.0:1	
Stable speed regulating rate	±0.25% or better									
Noise (@100% load dBA/1m)	96		107	101	105	102	104	103		
Exhaust flow ( m <sup>3</sup> /min )	52	58	73	89	111	125	143	154	201	201
Coolant capacity (L)	42	47	74	78	113	118	141	215	244	244
Lub oil capacity (L)	50			80	100			120	200	200
Rated oil consumption@100% Load	0.21	0.24	0.3	0.36	0.48	0.54	0.6	0.61	0.84	0.84
Rated fuel consumption@100% Load	60	66.7	82	100	124	144	160	171	226	226
Air inflow (m <sup>3</sup> /min)	20	22	28	34	42	47	54	58	76	76
<b>ALTERNATOR MODEL</b>	<b>SLG274K</b>	<b>SLG314D</b>	<b>SLG314F</b>	<b>SLG354C</b>	<b>SLG354E</b>	<b>SLG354F</b>	<b>SLG404A</b>	<b>SLG404G</b>	<b>SLG404J</b>	<b>SLG404K</b>
Prime output (kW/kVA)	200/250	236/295	304/380	360/450	480/600	536/670	600/750	648/810	824/1030	908/1135
Power efficiency	92.70%	93.10%	93.70%	93.80%	94.90%	95.00%	94.40%	94.40%	95.10%	95.10%
Characters	4-pole, rotating field, brushless, self-excited, insulation H, IP22, AVR440, 2/3 pitch winding.									
Stable voltage regulation	≤±1%									
Waveform distortion	No load≤1.5%									
<b>THF/TIF</b>	THF< 2% TIF< 50									
Open type dimension L x W x H (mm)	3300x1100x1700			3700x1320x1950	3800x1650x2000		3900x1650x2000	4000x1800x2100	4450x1760x2200	
Open type weight (kg)	2600	2800	2800	3600	5400	5500	5600	5800	7070	8090



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MODEL	Open type model	SL1005	SL1028	SL1120	SL1200	SL1320	SL1400	SL1520	SL1616	SL1800
	Soundproof model	SL1005S	SL1028S	SL1120S	SL1200S	SL1320S	SL1400S	SL1520S	SL1616S	SL1800S
Prime output (kW/kVA)		1005/1256	1028/1285	1120/1400	1200/1500	1320/1650	1400/1750	1520/1900	1616/2020	1800/2250
Standby output (kW/kVA)		1105/1382	1132/1415	1232/1540	1520/1650	1416/1770	1540/1925	1672/2090	1777/2222	1980/2475

**MAIN SPECIFICATION OF GENERATOR SETS**

ENGINE MODEL	S12R-PTA	S12R-PTA	S12R-PTA2	S12R-PTAA2	S16R-PTA	S16R-PTA	S16R-PTA2	S16R-PTAA2	S16R2-PTAW
Prime output (kW)	1110	1110	1195	1277	1480	1480	1630	1684	1960
Standby output (kW)	1220	1220	1315	1404	1620	1620	1790	1895	2167
Engine characters	4-stroke,turbocharged, watercooled, direct-injection								
Aspiration	water-to-air intercooler			air-to-air intercooler	water-to-air intercooler			air-to-air intercooler	water-to-air intercooler
Numbers of cylinders/Arrangement	12V				16V				
Bore x Stroke (mm)	170x180								170x220
Displacement (mm)	49.03				65.37				79.9
Compression ratio	14.0:1		13.5:1		14.0:1		13.5:1		14.0:1
Stable speed regulating rate	±0.25% or better								
Noise (@100% load dBA/m)	105				109			106	TBI
Exhaust flow (mVmin)	235	235	253	287	309	309	343	374	445
Coolant capacity (L)	335	335	305	327	350	350	445	413	460
Lub oil capacity (L)	180	180			230				290
Rated oil consumption@100% Load	1	1	1.08	1.15	1.33	1.33	1.47	1.52	1.76
Rated fuel consumption^100% Load (L/h)	268	268	298	308	355	355	399	404	448
Air inflow (m³/min)	89	89	96	108	117	117	130	141	168
<b>ALTERNATOR MODEL</b>	<b>SLG454A</b>	<b>SLG454B</b>	<b>SLG454B</b>	<b>SLG454C</b>	<b>SLG454D</b>	<b>SLG454E</b>	<b>SLG454E</b>	<b>SLG454F</b>	<b>SLG564C</b>
Prime output (kW/kVA)	1008/1260	1120/1400	1120/1400	1240/1550	1320/1650	1520/1900	1520/1900	1664/2080	1850/2313
Power efficiency	94.90%	95.00%	95.00%	95.20%	95.50%	95.60%	95.60%	96.00%	95.40%
Characters	4-pole, rotating field, brushless, self-excited, insulation H, IP22, AVR440, 2/3 pitch winding.								
Stable voltage regulation	≤±1%								
Waveform distortion	No load≤1.5%								
THF/TIF	THF< 2% TIF< 50								
Open type dimension L x W x H (mm)	4570x2100x2460		5000x2250x2300	5000x2250x3050	6200x2300x2820		6200x2300x2800	6200x2400x3460	6200x2450x3500
Open type weight (kg)	9260	9320	10500	11200	12250	12300	12540	14500	15000



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MODEL	Open type model	SL240	SL260	SL340	SL413	SL544	SL690	SL930	SL1080	SL1220	SL1285	SL1470	SL1650	SL1760
	Soundproof model	SL240S	SL260S	SLB40S	SL413S	SL544S	SL690S	SL930S	SL1080S	SL1220S	SL1285S	SL1470S	SL1650S	SL1760S
Prime output (kW/kVA)		240/300	260/325	340/425	413/516	544/680	690/863	930/1163	1080/1350	1220/1525	1285/1606	1470/1838	1650/2063	1760/2200
Standby output (kW/kVA)		264/330	286/358	374/468	454/568	600/750	760/950	1024/1280	1188/1485	1342/1678	1414/1768	1617/2021	1815/2269	1936/2400

MAIN SPECIFICATION OF GENERATOR SETS															
ENGINE MODEL	S6B-PTA	S6B-PTA2	S6B3-PTA	S6A3-PTA	S6R-PTA	S12A2-PTA	S12H-PTA	S12R-PTA	S12R-PTA2	S12R-PTAA2	S16R-PTA	S16R-PTA2	S16R-PTAA2		
Prime output (kW)	276	298	375	460	595	761	1020	1190	1340	1387	1590	1775	1895		
Standby output (kW)	302	328	415	510	655	850	1120	1320	1470	1596	1750	1950	2105		
Engine characters	4-stroke,turbocharged, watercooled, direct-injection														
Aspiration	water-to-air intercooler									air-to-air intercooler	water-to-air intercooler		air-to-air intercooler		
Numbers of cylinders/Arrangement	6L					12V					16V				
Bore x Stroke (mm)	135x150		135x170	150x175	170x180	150x160	150x170	170x180							
Displacement (mm)	12.88		14.6	18.56	24.51	33.93	37.11	49.03				65.37			
Compression ratio	15.0:1		14.2:1	14.5:1	14.0:1	14.5:1	14.0:1	14.0:1	13.5:1			14.0:1	13.5:1		
Stable speed regulating rate	±0.25% or better														
Noise (@100% load dBA/1m)	100		108	104	108	100	108				109				
Exhaust flow (m <sup>3</sup> /min)	62	70	83	105	130	177	223	257	290	320	337	384	434		
Coolant capacity (L)	42	47	74	78	113	215	244	335	305	327	350	445	413		
Lub oil capacity (L)	50			C	94	120	200	180				230			
Rated oil consumption@100% Load	0.25	0.27	0.34	0.42	0.54	0.69	0.92	1.08	1.21	1.27	1.48	1.66	1.8		
Rated fuel consumption@100% Load (L/h)	73	84	94	120	145	198	250	295	338	345	399	448	470		
Air inflow (m <sup>3</sup> /min)	24	26.4	31	40	49	67	84	97	109	121	127	145	164		
<b>ALTERNATOR MODEL</b>	<b>SLG314D</b>	<b>SLG314D</b>	<b>SLG314F</b>	<b>SLG354C</b>	<b>SLG354E</b>	<b>SLG404G</b>	<b>SLG404J</b>	<b>SLG454A</b>	<b>SLG454B</b>	<b>SLG454B</b>	<b>SLG454D</b>	<b>SLG454E</b>	<b>SLG454E</b>		
Prime output (kW/kVA)	280/350	280/350	365/456	440/550	570/713	740/925	960/1200	1200/1500	1300/1625	1300/1625	1548/1935	1768/2210	1768/2210		
Power efficiency	93.10%	93.10%	93.70%	93.80%	94.90%	94.40%	95.10%	95.00%	95.00%	95.20%	95.60%	95.60%	95.60%		
Characters	4-pole, rotating field, brushless, self-excited, insulation H, IP22, AVR440, 2/3 pitch winding.														
Stable voltage regulation	≤±1%														
Waveform distortion	No Load ≤1.5%														
THF/TIF	THF< 2% TIF< 50														
Open type dimension L x W x H (mm)	3300x1100x1700			3700x1320x1950	3800x1650x2000	4000x1800x2100	4450x1760x2200	4570x2100x2460	5000x2250x2300	5000x2250x3050	6200x2300x2820		6200x2400x3460		
Open type weight (kg)	2600	2800	2800	3600	5400	5800	8090	9320	10500	11200	12300	12540	14500		