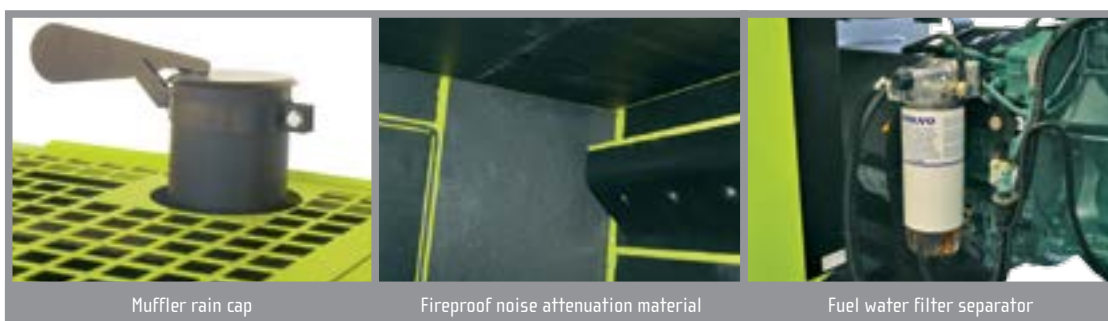


GSW SERIES

SILENT POWER FOR PUBLIC AND INDUSTRIAL USES

Low noise emissions (conforming to directive 2000/14/EC, related to environmental noise emissions), conformity to gas emission laws and high security (lockable panels, fireproof canopy) make these sets ideal for any public or industrial applications.



Muffler rain cap

Fireproof noise attenuation material

Fuel water filter separator

	F	F	F	F	F	F
GENERATING SET	G5W110V	G5W150V	G5W170V	G5W220V	G5W275V	G5W330V
STAND BY POWER LTP kW/kVA	90,4/112,9	114,4/143,0	131,2/164,0	176,0/220,0	220,0/275,0	264,0/330,0
PRIME POWER PRP kW/kVA	81,1/101,4	103,9/129,8	125,4/156,7	162,1/202,7	198,9/248,7	252,0/315,0
VOLTAGE Volt / FREQUENCY Hz	400/50	400/50	400/50	400/50	400 / 50	400 / 50
PHASES	3	3	3	3	3	3
ENGINE						
BRAND	Volvo	Volvo	Volvo	Volvo	Volvo	Volvo
MODEL	TAD531GE	TAD532GE	TAD731GE	TAD733GE	TAD734GE	TAD941GE
COOLING SYSTEM	Water	Water	Water	Water	Water	Water
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
NUMBER AND DISPOSITION OF CYLINDERS	4 in line	4 in line	6 in line	6 in line	6 in line	6 in line
DISPLACEMENT cc	4760	4760	7150	7150	7150	9360
ASPIRATION	Turbocharged intercooler					
STARTING SYSTEM / ELECTRIC CIRCUIT (Volt)	Electric / 12	Electric / 12	Electric / 12	Electric / 12	Electric / 24	Electric / 24
SPEED rpm	1500	1500	1500	1500	1500	1500
SPEED GOVERNOR	Mechanical	Electronic	Mechanical	Electronic	Electronic	Electronic
STAND BY POWER LTP kW	98,0	125,0	149,5	194,9	238,0	310,0
PRIME POWER PRP kW	88,0	112,0	134,5	174,9	213,0	281,0
FUEL CONSUMPTION at 75% / 100% PRP L/h	18,6 / 24,4	22,9 / 30,6	26,8 / 35,3	34,9 / 46,5	41,5 / 58,0	51,0 / 67,8
ALTERNATOR						
TYPE	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
POLES	4	4	4	4	4	4
VOLTAGE REGULATION SYSTEM	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
OVERALL DIMENSIONS AND WEIGHT						
LENGTH mm	3000	3000	3414	3414	3951	3951
WIDTH mm	1150	1150	1338	1338	1438	1438
HEIGHT mm	1770	1770	1768	1768	2095	2095
WEIGHT Kg	1734	1821	2224	2540	2990	3200
FUEL TANK CAPACITY L	340	340	340	340	636	636
RUNNING TIME at 75% / 100% PRP h	18,3 / 14,0	14,9 / 11,1	12,7 / 9,6	9,7 / 7,3	15,3 / 11,0	12,5 / 9,4
NOISE PRESSURE LEVEL at 7 mt dB(A)	68	68	68	65	68	68
GUARANTEED SOUND POWER LEVEL LWA dB(A)	97	97	97	94	97	97



	F	F	F	F			
GENERATING SET	GSW415V	GSW450V	GSW510V	GSW560V	GSW590V	GSW630V	GSW705V
STAND BY POWER LTP kW/kVA	332,9/416,1	350,0/437,0	404,7/505,9	436,8/546,0	480,8/601,0	505,4/631,8	562,0/702,5
PRIME POWER PRP kW/kVA	303,9/379,8	331,0/413,7	364,3/455,4	403,7/504,7	456,9/571,0	457,4/571,7	505,4/631,8
VOLTAGE Volt / FREQUENCY Hz	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50
PHASES	3	3	3	3	3	3	3
ENGINE							
BRAND	Volvo	Volvo	Volvo	Volvo	Volvo	Volvo	Volvo
MODEL	TAD1343GE	TAD1344GE	TAD1345GE	TAD1641GE	TAD1642GE	TAD1642GE	TWD1643GE
COOLING SYSTEM	Water	Water	Water	Water	Water	Water	Water
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
NUMBER AND DISPOSITION OF CYLINDERS	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line	6 in line
DISPLACEMENT cc	12780	12780	12780	16120	16120	16120	16120
ASPIRATION	Turbocharged intercooler						
STARTING SYSTEM / ELECTRIC CIRCUIT (Volt)	Electric / 24	Electric / 24	Electric / 24	Electric / 24	Electric / 24	Electric / 24	Electric / 24
SPEED rpm	1500	1500	1500	1500	1500	1500	1500
SPEED GOVERNOR	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
STAND BY POWER LTP kW	356	389	431	473	536	536	596
PRIME POWER PRP kW	325	354	388	430	485	485	536
FUEL CONSUMPTION at 75% / 100% PRP L/h	58,1 / 76,6	64,4 / 84,1	70,4 / 92,9	77,6 / 104,5	87,5 / 118,7	87,6 / 118,7	97,4 / 131,0
ALTERNATOR							
TYPE	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless
POLES	4	4	4	4	4	4	4
VOLTAGE REGULATION SYSTEM	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
OVERALL DIMENSIONS AND WEIGHT							
LENGTH mm	3951	3951	3951	4400	4400	4400	4700
WIDTH mm	1438	1438	1438	1560	1560	1560	1670
HEIGHT mm	2095	2095	2095	2250	2250	2250	2430
WEIGHT Kg	3671	3671	4100	4495	4888	4945	5490
FUEL TANK CAPACITY L	636	636	636	636	636	636	636
RUNNING TIME at 75% / 100% PRP h	10,9 / 8,3	9,9 / 7,6	9,0 / 6,8	8,2 / 6,1	7,3 / 5,4	7,3 / 5,4	6,5 / 4,9
NOISE PRESSURE LEVEL at 7 mt dB(A)	68	69	69	75	75	75	75
GUARANTEED SOUND POWER LEVEL LWA dB(A)	97	98	98	105	105	105	105