.SS

Power range **10-3000** kVA

ELCOS
POWER GENERATORS

Power system designed to be

the Best Quality and Low acoustic emissions generators

This range offers a very elevated modularity and a wide chice of accessories

- **Super Silent**
- **Safety First**
- **Wide Range of Accessories**

www.elcos.net

.SS

Power range **10-3000** kVA

Stand-by diesel gensets super silenced for urban areas.

EU Standards Compliant

Safety first.
Easy Maintenance.

All operations, like usage, commissioning and maintenance guarantee the operator protection and a easy use.

A Wide Range of Accessories is available

to choose your perfect suitable generator.

Main Benefits

Reliable and Efficient Power Solutions.

Healthcare

ELCOS Gensets Super Silent Range covers all the most required needs that a generator can offer.

Main Failure

The Super Silent Range offers the maximum level of performance in case of a Main Failure occurs. These Gensets grant reliable power supply and optimising the electrical load thanks to the MC4 control panel which allows it to adapt to the electrical supply needs.

Industry

Airports

The Super Silent Range covers the reference power range from 10 to 3000 KVA, equipped with premium brand engines and alternators.

Large-Scale Retail Trade

These gensets can be used in a variety of applications such as industries, homes, hotels, restaurants, hospitals, airports, shopping areas, leisure centres, military applications, telecommunications, etc.

.SS

Power range **10-3000** kVA

Super silent - Fully weatherproof attenuated enclosure IP 32.
Soundproofed with rotproof polyester (material class 1).

Wide openng doors
for easy maintenace.

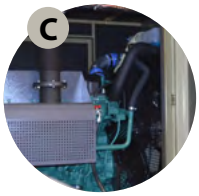
Snap handles with key lock
offers extra safety and security.

Low fuel level Shutdown
automatic system.

Integrated fuel tank
available in different sizes.

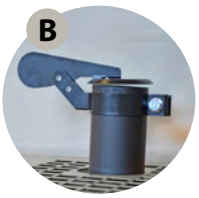
Anti-turning forklift pockets
and forkliftable on the short side.

Central lifting lug
integrated lifting structure.



Hot and rotating Guards
to avoid user injuries.

Power cable outlet
at the rear side.



Direction Pipe
with rain cap.

Inspection hatch
allows easy tank cleaning.

Magnetothermal switch available as standard from 275 kva.

Feature

Internal residential muffler -35 dbA grants reliable sound noise insulation.

Rainproof Control panel with key locked door.

Tamperproof panel

Air inlet plate

External oil drain point

Battery Compartment
externally accessible for easy service.

Engine and Alternators Brands

YANMAR Perkins DEUTZ LINZ ELECTRIC STAMFORD

On board Panels

Polyvalent Panels And Manul Panels with sockets

10-40 KVA

50-100 KVA

130-500 KVA

.SS

Power range **10-40** kVA

Technical data

Power					Engine							Nominal Current Switch 4P	GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt			ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
10	kVA																
	11	*12*	**10**	*11*	YANMAR	3TNV76*	M	3A	W50°	1.8		16	GE.YA.011\010.SS	175x90x140	580	110	58
	11	-	**10**	-	Perkins	403A-11G1	M	0	W50°	2.3		16	GE.PK.011\010.SS	175x90x140	580	110	58
13	kVA																
	15	-	**13**	-	Perkins	403A-15G1	M	0	W50°	2.8		25	GE.PK.016\013.SS	175x90x140	640	110	58
	14	*16*	**13**	*15*	DEUTZ	F2M 2011	M	2	Oil	2.6		25	GE.DZ.014\013.SS	175x90x140	690	110	59
	14	*16*	**13**	*15*	DEUTZ	F2L 2011	M	2	Air	2.6		25	GE.DZA.014\013.SS	175x90x140	690	110	61
15	kVA																
	17	*19*	**15**	*17*	YANMAR	3TNV88*	M	3A	W50°	2.6		25	GE.YA.017\015.SS	175x90x140	630	110	58
	17	*19*	**15**	*17*	Perkins	403A-15G2*	M	0	W50°	3		25	GE.PK.017\015.SS	175x90x140	640	110	58
20	kVA																
	22	*25*	**20**	*23*	YANMAR	4TNV88*	M	3A	W50°	4		32	GE.YA.022\020.SS	175x90x140	660	110	59
	21	*27**	**20**	*24*	Perkins	404D-22G*	M	3A	W50°	4		32	GE.PK.021\020.SS	175x90x140	730	110	60
	21	-	**20**	-	Perkins	404A-22G1	M	0	W50°	4		32	GE.PK.022\020.SS	175x90x140	730	110	60
	22	*25.3*	**21**	*24*	DEUTZ	F3M 2011	M	2	Oil	4.1		32	GE.DZ.021\020.SS	175x90x140	740	110	60
	22	*25.3*	**21**	*24*	DEUTZ	F3L 2011	M	2	Air	4.1		32	GE.DZA.021\020.SS	175x90x140	740	110	61
25	kVA																
	66	-	60	-	Cummins	X2.5G2	M	0	W50°	4.8		40	GE.CU.030\027.SS	190x90x150	820	250	63
30	kVA																
	33	*38*	**30**	*35*	YANMAR	4TNV98*	M	3A	W50°	5.2		50	GE.YA.037\033.SS	190x90x150	840	110	63
	33	*38*	**30**	*36**	Perkins	1103A-33G*	M/E*	0	W50°	5.4		50	GE.PK.034\031.SS	190x90x150	900	110	64
	33	-	**30**	-	Cummins	X3.3G1	M	0	W50°	6.1		50	GE.CU.040\035.SS	190x90x150	890	250	64
	35	*37.5*	**30**	*35.7*	DEUTZ	F4M 2011*	M	2	Oil	5.6		50	GE.DZ.035\030.SS	190x90x150	850	110	63
	32	*37.5*	**30**	*35.7*	DEUTZ	F4L 2011	M	2	Air	5.6		50	GE.DZA.035\030.SS	190x90x150	850	110	64
40	kVA																
	44	*49*	**40**	*46*	YANMAR	4TNV98T*	M	2	W50°	7		63	GE.YA.047\044.SS	190x90x150	890	110	63
	44	-	**40**	-	Cummins	S3.8G4	M	0	W50°	7.6		63	GE.CU.044\040.SS	220x110x165	1020	110	64
	44	*50*	**40**	*48*	DEUTZ	BF4M 2011*	M	2	Oil	6.4		63	GE.DZ.044\040.SS	190x90x150	945	110	64
	42	*50*	**40**	*48*	DEUTZ	BF4L 2011	M	2	Air	6.4		63	GE.DZA.044\040.SS	190x90x150	945	110	64
	47	-	**44**	-	YC4FA70L-D20	YC4FA70L-D20	E	2	W50°	8.8		63	GE.YU.050\045.SS	220x110x165	1160	250	65

* For operating at 60 Hz, check the internal code of the engine when ordering.

.SS

Power range **50-100** kVA

Technical data

Power					Engine							GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt	Nominal Current Switch 4P A	ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
50	kVA															
	54	*60*	**45**	*72*	Perkins	1103A-33TG1	M	0	W50°	8,2	80	GE.PK.051\046.SS	220x110x165	1070	250	65
	-	-	**50**	*72*	FPT	N45AM2	M	0	W50°	9,8	80	GE.AI.056\051. SS	220x110x165	1220	250	65
	56	*63*	**50**	*79*	Cummins	S3.8G6	M	0	W50°	9,5	80	GE.CU.055\050.SS	220x110x165	1250	250	65
	54	*57*	**47**	*72*	Deutz	F4L 914	M	0	Air	7,8	80	GE.DZA.050\047.SS	220x110x165	945	250	64
	-	-	**51**	*81*	Yanmar	YC4D85Z-D20	E	2	W50°	10,7	80	GE.YU.056\051.SS	260x110x168	1309	250	65
60	kVA															
	66	*75*	**60**	*69*	Perkins	1103A-33TG2	M	0	W50°	10,4	100	GE.PK.067\061.SS	220x110x165	1220	250	65
	66	*73*	**60**	*66*	FPT	N45SM1A	M	2	W50°	10,2	100	GE.AI.066\060.SS	220x110x165	1305	250	65
	66	-	**61**	-	Cummins	S3.8G7	M	0	W50°	11	100	GE.CU.066\060.SS	260x110x168	1280	250	66
	63	74	**62**	66	Deutz	BF4M 2011C	M	2	Oil	8,7	100	GE.DZ.066\060.SS	220x110x165	1220	250	67
	65	74	**60**	66	Deutz	F6L 912	M	0	Air	8,7	100	GE.DZA.066\060.SS	220x110x165	1220	250	68
	66	-	**60**	-	Yanmar	YC4D90Z-D21	E	2	W50°	11,7	100	GE.YU.066\060.SS	260x110x168	1200	250	67
80	kVA															
	88	*100*	**80**	*90*	Perkins	1104A-44TG2	M	0	W50°	14	125	GE.PK.088\080.SS	260x110x168	1450	250	66
	95	*97*	**85**	*86*	Volvo	TAD 530 GE	M	2	W50°	13	125	GE.VO.094\085. SS	260x110x168	1525	250	66
	90	*99*	**80**	*90*	FPT	N45SM3	M	0	W50°	15,4	125	GE.AI.090\80.SS	260x110x168	1400	250	67
	81	*92*	**76**	*81*	Deutz	BF4M 2012 C	M	2	W50°	11,8	125	GE.DZ.080\07580.SS	260x110x168	1460	250	67
	77	*89*	**73**	*85*	Deutz	F6L 914	M	0	Air	11,6	125	GE.DZA.080\073.SS	260x110x168	1520	250	67
	88	-	**80**	-	Yanmar	YC4A110Z-D20	E	2	W50°	13,9	125	GE.YU.088\080.SS	260x110x168	1500	250	67
100	kVA															
	110	*125*	**100**	*112*	Perkins	1104C-44TAG2	E	2	W50°	17,1	160	GE.PK.110\100.SS	260x110x168	1580	250	67
	115	*115*	**105**	*103*	Volvo	TAD 531 GE	M	2	W50°	16	160	GE.VO.115\105.SS	320x120x190	1890	400	65
	110	*121*	**100**	*110*	FPT	N45TM2A	M	2	W50°	16,2	160	GE.AI.110\100.SS	260x110x168	1580	250	67
	110	-	**100**	-	Cummins	6BTA5.9G5	E	0	W50°	18	160	GE.CU.110\105.SS	320x120x190	1760	400	67
	108	*117*	**102**	*112*	Deutz	BF4M1013EC	M	2	W50°	18,4	160	GE.DZ.110\105.SS	320x120x190	1820	400	66
	105	*112*	**100**	*107*	Deutz	BF6L 914	M	2	Air	11,8	160	GE.DZA.110\100.SS	260x110x168	1520	250	67
	110	-	**100**	-	Yanmar	YC4A140L-D20	E	2	W50°	16,9	160	GE.YU.110\100.SS	260x110x168	1730	250	67

* For operating at 60 Hz, check the internal code of the engine when ordering.

.SS

Power range **130-250** kVA

Technical data

Power					Engine							GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt	Nominal Current Switch 4P A	ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
130	kVA															
	150	*169*	**135**	*152*	Perkins	1106A-70TG1	M	0	W50°	24,1	250	GE.PK.151\137.SS	320x120x190	1830	400	67
	144	*151*	**130**	*135*	VOLVO	TAD 532 GE	E	2	W50°	20,9	250	GE.VO.150\135.SS	320x120x190	1970	400	66
	135	*140*	**120**	*130*	FPT	N45TM3	M	0	W50°	21	250	GE.AI.131\120.SS	320x120x190	1850	400	66
	150	*170*	**136**	*150*	Cummins	6BTAA5.9G6	E	0	W50°	26	250	GE.CU.150\135.SS	360x122x205	1900	450	68
	130	*132*	**120**	*120*	DEUTZ	BF4M1013FC	M	2	W50°	25	250	GE.DZ.130\120.SS	320x120x190	1780	400	67
	150	-	**135**	-	Yanmar	YC6B190L-D20	E	2	W50°	20,8	250	GE.YU.150\135.SS	360x122x205	2150	450	67
150	kVA															
	165	*188**	**150**	*169**	Perkins	1106A-70TAG2*	M	0	W50°	24,7	250	GE.PK.166\150.SS	360x122x205	2100	450	67
	165	*172*	**150**	*155*	VOLVO	TAD 731 GE	M	2	W50°	25,1	250	GE.VO.165\150.SS	360x122x205	2370	450	67
	176	*187*	**165**	*170*	FPT	N67TM4	M	0	W50°	29	250	GE.AI.176\165.SS	320x120x190	2070	400	68
	170	-	**155**	-	Cummins	6BTAA5.9G7	E	0	W50°	29	250	GE.CU.176\160.SS	360x122x205	1950	450	68
	162	*180*	**150**	*171*	DEUTZ	BF6M1013EC	M	2	W50°	27,4	250	GE.DZ.160\150.SS	360x122x205	2300	450	67
	170	*200*	**150**	*185*	DOOSAN	DP086TA	E	1	W43°	25,5	250	GE.DW.170\150.SS	320x120x190		450	68
	165	-	**150**	-	Yanmar	YC6B205L-D20	E	2	W50°	25,1	250	GE.YU.165\150.SS	360x122x205	2290	450	68
180	kVA															
	205	*227*	**185**	*203*	VOLVO	TAD 732 GE	E	2	W50°	30	400	GE.VO.205\185.SS	360x122x205	2550	450	68
200	kVA															
	220	-	**200**	-	Perkins	1106A-70TAG4	E	0	W50°	34,7	400	GE.PK.220\200.SS	360x122x205	2490	450	68
	225	*252*	**205**	*226*	VOLVO	TAD 733 GE	E	2	W50°	33	400	GE.VO.225\205.SS	360x122x205	2500	450	68
	220	*234*	**200**	*210*	FPT	N67TM7	M	0	W50°	37,3	400	GE.AI.221\201.SS	360x122x205	2475	450	68
	220	*248*	**200**	*225*	Cummins	QSB7 G5	E	3A	W50°	36	400	GE.CU3A.225\200.SS	360x122x205	2475	450	68
	226	*250*	**205**	*220*	DEUTZ	BF6M 1013FCG3	E	2	W50°	34,6	400	GE.DZ.225\205.SS	360x122x205	2190	450	67
	225	*250*	**200**	*230*	DOOSAN	P086TI	E	2	W43°	31,7	400	GE.DW.220\200.SS	360x122x205	2550	450	68
	220	-	**200**	-	Yanmar	YC6G270L-D20	E	2	W50°	32,3	400	GE.YU.220\200.SS	360x122x205	2550	450	68
250	kVA															
	320	-	**250**	*290*	Perkins	1506A-E88TAG3	E	0	W50°	41,6	400	GE.PK.275\250.SS	360x122x205	2640	450	68
	287	*287*	**250**	*255*	VOLVO	TAD 734 GE	E	2	W50°	40,9	400	GE.VO.275\250. SS	360x122x205	2750	450	68
	290	*285*	**250**	*260*	FPT	N67 TE8W	E	0	W50°	38,8	400	GE.AI.275\250.SS	360x122x205		450	69
	300	*300*	**250**	*260*	DEUTZ	TCD 2013 L06 4V	E	2	W50°	40,1	400	GE.DZ.275\250.SS	360x122x205	2390	450	68
	285	*285*	**230**	*250*	DOOSAN	DP086LA	E	2	W43°	36,8	400	GE.DW.250\230.SS	360x122x205	2400	450	69
	-	-	**250**	-	Yanmar	YC6MK350L-D20	E	2	W50°	43	400	GE.YU.275\250.SS	410x150x230	3325	600	68

* For operating at 60 Hz, check the internal code of the engine when ordering.
The speed governor can be Mechanical or Electronic, depending on the frequency of the engine chosen.

.SS

Power range **275-400** kVA

Technical data

Power					Engine							Nominal Current Switch 4P	GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt			ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
275	kVA																
	300	*335*	**275**	*316*	DOOSAN	P126TI	E	2	W43°	43.6		630	GE.DW.300\275.SS	410x150x230	3430	600	70
300	kVA																
	335	*389*	**300**	*352*	Perkins	1506A-E88TAG5	E	0	W50°	48		630	GE.PK.335\300.SS	410x150x230	3160	600	69
	350	*360*	**320**	*340*	VOLVO	TAD 1341 GE	E	2	W50°	43		630	GE.VO.360\325.SS	410x150x230	3850	600	67
	332	*363*	**305**	*330*	FPT	C87TE4	E	0	W50°	52		630	GE.AI.332\305.SS	410x150x230	3260	600	69
	330	*375*	**300**	*344*		QSL9G5	E	0	W50°	46		630	GE.CU.346\301.SS	410x150x230	3010	600	69
	350	*374*	**315**	*338*	DEUTZ	BF6M 1015 C G1	E	2	W50°	46,6		630	GE.DZ.350\315.SS	410x150x230	3610	600	68
	330	-	**300**	-		YC6MK410L-D20	E	2	W50°	52,2		630	GE.YU.330\300.SS	410x150x230	3640	600	70
	335	*390*	**300**	*345*	DOOSAN	P126 TI-II	E	1	W43°	47		630	GE.DW.340\310.SS	410x150x230	3550	600	69
350	kVA																
	400	*440*	**350**	*400*	Perkins	2206A-E13TAG2	E	0	W50°	54		630	GE.PK.400\350.SS	410x150x230	4190	600	69
	375	*438*	**350**	*401*	VOLVO	TAD 1342 GE	E	2	W50°	51		630	GE.VO.375\350.SS	410x150x230	3690	600	68
	385	*418*	**350**	*380*	FPT	C13TE2A	E	2	W50°	56		630	GE.AI.385\350.SS	410x150x230	3870	600	69
	390	-	**350**	-	DEUTZ	BF6M 1015 C G2	E	2	W50°	52,5		630	GE.DZ.390\350.SS	470x180x250	3880	1150	69
	405	*445*	**365**	*400*	DOOSAN	DP126LB	E	0	W43°	57,1		630	GE.DW.400\365.SS	470x180x250	4090	1150	70
375	kVA																
	410	*451*	**375**	*410*	VOLVO	TAD 1343 GE	E	2	W50°	54,7		630	GE.VO.410\375.SS	410x150x230	3760	600	68
	412	*426*	**380**	*387*	DEUTZ	BF6M 1015CP	E	2	W50°	59,4		630	GE.DZ.410\380.SS	470x180x250	3980	1150	69
400	kVA																
	440	*440*	**400**	*400*	Perkins	2206A-E13TAG3	E	0	W50°	62		630	GE.PK.450\400.SS	415x150x230	4100	600	69
	450	*501*	**410**	*456*	VOLVO	TAD 1344 GE	E	2	W50°	60,8		630	GE.VO.450\410.SS	410x150x230	4000	600	68
	440	*462*	**400**	*420*	FPT	C13TE3A	E	2	W50°	62		630	GE.AI.440\400.SS	410x150x230	4080	600	69
	470	*510*	**410**	*445*	DOOSAN	P158 LE	E	1	W43°	65,1		630	GE.DW.460\420.SS	470x180x250	4270	1150	71

* For operating at 60 Hz, check the internal code of the engine when ordering.
The speed governor can be Mechanical or Electronic, depending on the frequency of the engine chosen.

.SS

Power range **450-650** kVA

Power					Engine							Nominal Current Switch 4P	GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt			ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
450 kVA																	
	500	*550*	**455**	*500*	Perkins	2506C-E15TAG1	E	2	W50°	73		800	GE.PK.500\450.SS	470x180x250	5370	1150	70
	500	*501*	**450**	*456*	VOLVO	TAD 1345 GE	E	2	W50°	66,7		800	GE.VO.500\450.SS	410x150x230	4850	900	71
	500	*550*	**450**	*475*	FPT	C13TE6W	E	0	W50°	80,2		800	GE.AI.500\450.SS	470x180x250	4850	1150	71
	480	*512*	**450**	*464*	DEUTZ	BF8M 1015CG1	E	2	W50°	68,1		800	GE.DZ.480\450.SS	470x180x250	4970	1150	71
	500	*550*	**450**	*500*	mtu	10V 1600 G10F (10V 1600 G10S)	E	3A	W50°	72,8		800	GE.MT.500\450.SS	470x180x250	5360	1150	70
	510	*570*	**450**	*520*	DOOSAN	DP158 LCF (DP158LCS)	E	0	W43°	72,9		800	GE.DW.500\460.SS	470x180x250	5290	1150	72
	500	-	**455**	-		YC6T600L-D22	E	2	W50°	73,2		800	GE.YU.500\455.SS	470x180x250	5630	1150	72
500 kVA																	
	550	*550*	**500**	*500*	Perkins	2506C-E15TAG2	E	2	W50°	81		800	GE.PK.550\500.SS	470x180x250	5280	1150	72
	550	*645*	**500**	*573*	VOLVO	TAD 1641 GE	E	2	W50°	73,5		800	GE.VO.550\500.SS	470x180x250	5140	1150	70
	550	*605*	**500**	*550*	FPT	C13TE7W	E	0	W50°	80,2		800	GE.AI.550\500.SS	470x180x250	5140	1150	70
	550	*500*	**500**	*450*		QSX15G8	E	2	W50°	79		800	GE.CU.550\500.SS	470x180x250	5270	1150	70
	560	*588*	**510**	*536*	DEUTZ	BF8M 1015CP	E	2	W50°	81,7		800	GE.DZ.560\510.SS	470x180x250	5270	1150	71
	550	*630*	**500**	*575*	mtu	10V 1600 G20F (10V 1600 G20S)	E	3A	W50°	77		800	GE.MT.550\500.SS	470x180x250	5510	1150	71
	580	*652*	**530**	*568*	DOOSAN	DP158 LDF (DP158LDS)	E	0	W43°	83,4		800	GE.DW.580\520.SS	470x180x250	5430	1150	72
	550	-	**500**	-		YC6T660L-D20	E	2	W50°	80		800	GE.YU.550\500.SS	470x180x250	5640	1150	72
550 kVA																	
	625	*690*	**570**	*625*	VOLVO	TAD 1642 GE	E	2	W50°	83,3		1000	GE.VO.630\570.SS	470x180x250	5610	1150	70
	630	*694*	**570**	*629*	DOOSAN	DP180LAF (DP180LAS)	E	0	W43°	94,2		1000	GE.DW.625\560.SS	470x180x250	5690	1150	72
600 kVA																	
	660	*680*	**600**	*625*	Perkins	2806A-E18TAG1A	E	0	W50°	90		1000	GE.PK.660\600.SS	470x180x250	5920	1150	72
	650	*690*	**596**	*625*	VOLVO	TAD 1642 GE	E	2	W50°	83,3		1000	GE.VO.650\596.SS	470x180x250	5610	1150	70
	660	*761*	**600**	*685*	VOLVO	TWD 1652 GE	E	2	W50°	91,6		1000	GE.VO.660\600.SS	470x180x250	5920	1150	70
	650	*690*	**600**	*630*	mtu	12V 1600 G10F (12V 1600 G10S)	E	3A	W50°	90,9		1000	GE.MT.650\600.SS	470x180x250	5780	1150	70
	617	*700*	**595**	*630*	FPT	C16TE1W	E	0	W50°	93		1000	GE.AI.620\600.SS	470x180x250	5920	1150	72
	710	*748*	**640**	*678*	DOOSAN	DP180LBF (DP180LBS)	E	0	W43°	103,8		1000	GE.DW.705\633.SS	470x180x250	5820	1150	72
650 kVA																	
	715	*715*	**650**	*650*	Perkins	2806A-E18TAG2	E	0	W50°	97		1000	GE.PK.715/650.SS	470x180x250	6200	1150	71
	715	-	**650**	-	VOLVO	TWD 1653 GE	E	2	W50°	91,6		1000	GE.VO.715\650.SS	470x180x250	5920	1150	72
	700	*750*	**650**	*680*	mtu	12V 1600 G20F (12V 1600 G20S)	E	3A	W50°	99		1000	GE.MT.700\650.SS	470x180x250	5950	1150	70
	750	*880*	**680**	*800*	DOOSAN	DP222LBF (DP222LCS)	E	0	W43°	109,2		1000	GE.DW.760\680.SS	470x180x250	5850	1150	72

* For operating at 60 Hz, check the internal code of the engine when ordering.
The speed governor can be Mechanical or Electronic, depending on the frequency of the engine chosen.

.SS

Power range **700-1000** kVA

Power					Engine							Nominal Current Switch 4P	GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt			ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
700 kVA																	
	770	*761*	**700**	*685*	VOLVO	TWD 1645 GE	E	2	W50°	91,6		1000	GE.VO.770\700.SS	470x180x250	5920	1150	74
	800	*930*	**750**	*855*	DOOSAN	DP222 LCF (DP222LCS)	E	0	W43°	119,1		1250	GE.DW.830\740.SS	470x180x250	6100	1150	74
800 kVA																	
	880	*940**	**800**	*845**	Perkins	4006-23TAG3A*	E	0	W50°	130		1250	GE.PK 880\800.SS	570x225x262	8620	900	73
	886	*1000*	**805**	*910*		QSK23G3	E	0	W40°	121		1250	GE.CU.890\800.SS	570x225x262	7460	900	72
	865	-	**783**	-	mtu	12V 2000 G65 (12V 2000 G85)	E	0	W40°	123		1250	GE.MT.870\780.SS	570x225x262	7700	900	72
900 kVA																	
	1029	*1132*	**935**	*1029*		QST30G3	E	0	W40°	139		1600	GE.CU.1030\940.SS	650x240x282	9800	1000	75
	1005	*1137*	**910**	*1025*	mtu	16V 2000 G16F	E	0	W40°	140		1600	GE.MT.1000\910.SS	650x240x282	10180	1000	75
1000 kVA																	
	1124	*1125*	**1022**	*1000*	Perkins	4008-TAG2A (4008-TAG2)	E	0	W40°	163		1600	GE.PK 1130\1000.SS	650x240x282	11080	1000	76
	1250	-	**1130**	-	Perkins	4008 30TAG3	E	0	W50°	188		2000	GE.PK 1250/1125.SS	650x240x282	11080	1000	74
	1100	*1256*	**1000**	*1146*		QST30G4	E	0	W40°	151		1600	GE.CU.1100\1000.SS	650x240x282	9980	1000	72
	1100	-	**1000**	-		KTA38G5	E	0	W40°	161		1600	GE.CU.1101\1001.SS	650x240x282	11300	1000	73
	1106	*1250*	**1005**	*1135*	mtu	16V 2000 G26F	E	0	W40°	152		1600	GE.MT.1100\1000.SS	650x240x282	10380	1000	70
	1254	*1462*	**1135**	*1337*	mtu	16V 2000 G36F	E	0	W40°	174,4		2000	GE.MT.1260\1140.SS	650x240x282	11400	1000	71

* For operating at 60 Hz, check the internal code of the engine when ordering.
The speed governor can be Mechanical or Electronic, depending on the frequency of the engine chosen.

.SS

Power range **1250-3000** kVA

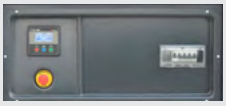
Technical data

Power					Engine							GS Model Data				
Reference Power	LTP Standby power kVA 50 Hz	LTP Standby power kVA 60 Hz	PRP Prime power kVA 50 Hz	PRP Prime power kVA 60 Hz	Manufacturer	Model	Speed governor Type	Emissions Stage	Cooling	Consumption @ 3/4 load Lt	Nominal Current Switch 4P A	ELCOS Code	Dimensions (LexWixH) CM	Weight KG	Fuel Tank capacity LT	Noise level @ 7 mt dB(A)
1250 kVA																
	1378	*1378**	**1253**	*1253**	Perkins	4012-46TWG2A*	E	0	W40°	196	2000	GE.PK 1380\1250.SS	720x240x310	14400	1000	na
	1386	*1610*	**1260**	*1418*		KTA50G3	E	0	W40°	199	2000	GE.CU.1390\1260.SS	720x240x310	11750	1000	na
	1370	*1378**	**1250**	*1253**	mtu	18V 2000 G26F	E	0	W40°	196	2000	GE.MT.1370\1250.SS	720x240x310	13600	1000	na
	1390	*1550*	**1280**	*1400*	MITSUBISHI	S12R-PTA	E	0	W40°	201,6	2000	GE.MH.1390\1260.SS	720x240x310	12900	1000	na
1400 kVA																
	1500	*1500**	**1364**	*1364**	Perkins	4012-46TWG3A*	E	0	W40°	213	2000	GE.PK 1500\1370.SS	720x240x310	12300	1000	na
	1540	-	**1400**	-		KTA50G8	E	0	W40°	222	2000	GE.CU.1540\1400.SS	720x240x310	12600	1000	na
	1520	-	**1400**	-	mtu	12V 4000 G23R	E	0	W40°	210	2000	GE.MT.1520\1400.SS	720x240x310	13900	1000	na
	1520	*1740*	**1380**	*1591*	MITSUBISHI	S12R-PTA2	E	0	W40°	212	2000	GE.MH.1540\1400.SS	720x240x310	13400	1000	na
1500 kVA																
	1656	*1656**	**1505**	*1505**	Perkins	4012-46TWG4A*	E	0	W40°	237	2500	GE.PK 1660\1500.SS	800x240x310	13900	1000	na
	1690	-	**1540**	-		QSK50G4	E	0	W40°	258	2500	GE.CU.1690\1540.SS	800x240x310	14400	1000	na
	1650	*1920*	**1510**	*1762*	MITSUBISHI	S12R-PTAA2	E	0	W40°	230	2500	GE.MH.1690\1540.SS	800x240x310	14400	1000	na
1700 kVA																
	1876	*1876**	**1705**	*1705**	Perkins	4012-46TAG3A*	E	0	W40°	275	2500	GE.PK 1880\1700.SS	800x240x310	16000	1000	na
	1815	*1875*	**1650**	*1700*	mtu	12V 4000 G23 (12V 4000 G43)	E	0	W40°	241	2500	GE.MT.1820\1650.SS	800x240x310	15900	1000	na
	1900	*2000*	**1730**	*1880*	MITSUBISHI	S16R-PTA	E	0	W40°	259	2500	GE.MH.1900\1730.SS	800x240x310	15300	1000	na
1900 kVA																
	2028	-	**1844**	-	Perkins	4016-61TRG1	E	0	W50°	300	3200	GE.PK 2030\1850.SS	940x240x310	-	1000	na
	2079	-	**1890**	-		QSK60G3	E	0	W40°	270	3200	GE.CU.2080\1890.SS	940x240x310	-	1000	na
	2035	*2200*	**1850**	*2000*	mtu	12V 4000 G63 (12V 4000 G83)	E	0	W40°	266	3200	GE.MT.2040\1850.SS	940x240x310	-	1000	na
2000 kVA																
	2250	-	**2000**	-	Perkins	4016-61TRG2	E	0	W40°	318	3200	GE.PK .2265\2060.SS	940x240x310	-	1000	na
	2237	-	**2034**	-		QSK60G4	E	0	W40°	307	3200	GE.CU.2240\2040.SS	940x240x310	-	1000	na
	2300	*2500*	**2100**	*2275*	mtu	16V 4000 G23 (16V 4000 G43)	E	0	W40°	306	3200	GE.MT.2300\2100.SS	940x240x310	-	1000	na
	2200	*2380*	**2000**	*2108*	MITSUBISHI	S16R-PTA2	E	0	W40°	306,9	3200	GE.MH.2200\2000.SS	940x240x310	-	1000	na
3000 kVA																
	2500	-	**2250**	-	Perkins	4016-61TRG3	E	0	W40°	346	4000	GE.PK.2500\2250.SS	940x240x310	-	1000	na
	2500	-	**2280**	-	MITSUBISHI	S16R2-PTAW	E	0	W40°	346	4000	GE.MH.2500\2280.SS	940x240x310	-	1000	na
	2530	*2750*	**2300**	*2500*	mtu	16V 4000 G63 (16V 4000 G83)	E	0	W40°	330	4000	GE.MT.2530\2300.SS	940x240x310	-	1000	na
	2640	-	**2400**	-	MITSUBISHI	S16R2-PTAW-E	E	0	W40°	346	4000	GE.MH.2640\2400.SS	1030x240x310	-	1000	na
	2805	*3125*	**2550**	*2813*	mtu	20V 4000 G23 (20V 4000 G43)	E	0	W40°	385	4000	GE.MT.2800\2550.SS	1030x240x310	-	1000	na
	3000	-	**2750**	-		QSK78G9	E	0	W40°	406	4000	GE.CU.3000\2750.SS	1030x240x310	-	1000	na
	3080	*3438*	**2800**	*3125*	mtu	20V 4000 G63 (20V 4000 G83)	E	0	W40°	420	4000	GE.MT.3000\2800.SS	1030x240x310	-	1000	na
	3355	*3750*	**3050**	*3450*	mtu	20V 4000 G63L (20V 4000 G83L)	E	0	W40°	445	5000	GE.MT.3360\3000.SS	1030x240x310	-	1000	na

* For operating at 60 Hz, check the internal code of the engine when ordering.
The speed governor can be Mechanical or Electronic, depending on the frequency of the engine chosen.

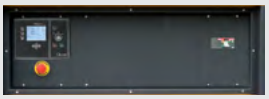
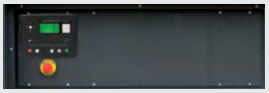
Panels on board

Panel on board & Variants **10-40 kVA**

+010 VARIANT	QLE WITH ATS Variant +010	Polyvalent panel with integrated switching managed by MC2 Control module		
+011 VARIANT	QLE WITHOUT ATS Variant +011	Polyvalent panel without integrated switching managed by MC2 Control module		
+012 VARIANT	QMC-01 MANUAL PANEL Variant +012	Manual panel with sockets equipped with SM1 Control module		

Sockets	10 -15 kVA	n.1 CE 3P 16A 230V / n.1 CE 4P 16A 400V / n.1 CE 5P 16A 400V
	20 kVA	n.1 CE 3P 16A 230V / n.1 CE 4P 16A 400V / n.1 CE 5P 32A 400V
	25-40 kVA	n.1 CE 3P 16A 230V / n.1 CE 4P 16A 400V / n.1 CE 5P 32A 400V / n.1 CE 5P 63A 400V

Panel on board & Variants **50-100 kVA**

+010 VARIANT	QPE WITH ATS Variant +010	Polyvalent panel with integrated switching managed by MC4#EVO Control module		
+011 VARIANT	QPE WITHOUT ATS Variant +011	Polyvalent panel without integrated switching managed by MC4#EVO Control module		
+012 VARIANT	QMC-01 MANUAL PANEL Variant +012	Manual panel with sockets equipped with SM1 Control module		
+014 VARIANT	QP.APM FOR GS PARALLELING Variant +014	Parallel panel with 4P Motorized switch on board, managed by DSE 8610 Control module		

Panel on board & Variants **130-3000 kVA**

+010 VARIANT	QPE WITH ATS Variant +010	Polyvalent panel with integrated switching managed by MC4#EVO Control module		
+011 VARIANT	QPE WITHOUT ATS Variant +011	Polyvalent panel without integrated switching managed by MC4#EVO Control module		
+014 VARIANT	QP.APM FOR GS PARALLELING Variant +014	Parallel panel with 4P Motorized switch on board, managed by DSE 8610 Control module		

.SS

Power range **10-3000** kVA

Optional

Canopy

High resistance painting for corrosive environments
Customized colour painting and special paint treatments

Engine

Fuel filter Water separator
It protects the GS from contaminated fuel and it prolongs system life.

Heavy duty air cleaner
heavy duty engine air intake filtration.
They are designed for high dust environments with excessive vibration and extreme temperatures.

Alternator

Generator with simultaneous multi-voltage 110/230/400.

Fuel Supply

The Oversize big tank
is integrated on the base. The capacity of this tank is 600 or 2000 liters.

Automatici refilling System with Automatic Valve
The automatic refilling system is composed by a solenoid valve mounted on the genset fuel tank and connected to an external bulk tank. The management of the solenoid is entrusted to the control panel on board which controls the opening and closing of the same, based on the minimum and maximum set level.

Connection and protection panel

Canopy internal LED lighting system
High efficiency battery
5 additional sockets for socket module
DSE or Comap Control module
Siren and generator status lights kit
Automatic double-battery system from 50kVA to 500kVA unit
GSM remote monitoring modem
LED lighting installed in the terminal box compartment
50 / 60Hz selector with voltage regulation potentiometer (only possible on engines with electronic governor)
Radio remote control with start and stop button
On-off device on load power demand
Differential relay management through external relay
Total power withdrawal terminal box (only for 15 to 40 kVA)
Grounding points

The Oversize big tank

is integrated on the base. The capacity of this tank is 600 or 2000 liters.

Automatici refilling System with Automatic Valve

The automatic refilling system is composed by a solenoid valve mounted on the genset fuel tank and connected to an external bulk tank. The management of the solenoid is entrusted to the control panel on board which controls the opening and closing of the same, based on the minimum and

Automatic transfer Switches

From 40to 4000 kVA (400V)

The QC panel is combined with the automatic control panel QPE or QLE on board.
It allows the switching of power from the mains supply line to the genset line and vice versa.
It is made of carpentry steel sheet, painted with high-strength epoxy powder.
Change-over switch: 4P Contactors or Motorized change-over switch 4P.

Double wall Fuel Tanks with bunded base and roof
Single wall fuel Tanks with tear Valve

From 1000 to 20.000 lts

- Folded sheet steel
- Anticorrosive coating with zinc phosphate
- Epoxy-tar coating
- Welded metal eyebolts for lifting
- Roof in folded sheet steel with support structure (only single wall tank)
- Bunded base, 50% of the tank volume (only single wall tank)
- Cover in checker plate
- Hatch with bolted flange and gasket
- Fuel refilling point
- Threaded connections for suction pipe, return and overflow

Double wall fuel Tanks

Model	Capacity (**Lt**)
O.C-DP-01	1.000
O.C-DP-01,5	1.500
O.C-DP-02	2.000
O.C-DP-03	3.000
O.C-DP-04	4.000
O.C-DP-05	5.000
O.C-DP-06	6.000
O.C-DP-08	8.000
O.C-DP-10	10.000
O.C-DP-12	12.000
O.C-DP-15	15.000
O.C-DP-20	20.000

Single wall fuel Tanks

Model	Capacity (**Lt**)
O.C-MP-01,5	1.500
O.C-MP-02	2.000
O.C-MP-03	3.000
O.C-MP-05	5.000
O.C-MP-07	7.000
O.C-MP-09	9.000

Automatic Fuel Refilling Systems

From 120 to 500 lts

- Analog fuel level gauge
- Electromagnetic gauge at one contact
- Overflow sensor
- Panel for the management of the automatic fuel refilling of the tank
- Manual pump with lever
- Electric pump for fuel refilling
- Fuel solenoid normally closed
- Visual flow indicator
- 3-way ball valve

Additional tanks with bunded base on trestle

Model	Capacity Lt
O.G-SC-120	120
O.G-SC-350	350
O.G-SC-500	500
O.G-SC-1000	1.000

Automatic fuel refilling systems

Model	Description
O.G-ST-CA.120	**120 lt**
O.G-ST-CA.500	**500 lt**
O.G-KDP-SDT	Back-up pump
O.G-ST-EP-02	High prevalence pump 35 mt

BASE FRAME GENSETS

CONTAINERS

HIGH RENTAL GENSETS

See Also

Elcos develops, produces, sells and installs systems for the generation of electric energy from 1 to 3000 kVA standard and customized solutions.

www.elcos.net

assistenza@elcos.net
+39.0372.7233300
elcos.net/service

ELCOS SRL
Strada Statale 234 Km 58.250 -
26023 Grumello Cremonese CR - Italy
tel +39 0372 72330 - fax +39 0372 7233220
www.elcos.net - info@elcos.net
elcos@pec.elcos.net PI 01084730199