

Diesel Gensets

9 ÷ 3400 kVA (50 Hz)

Our energy, your power.



AUSONIA

ENG



Overview



Ausonia represents the company with the longest experience and the highest know-how in the gensets manufacturing business in Italy.

With a standard range of tried-and-tested gensets up to 3400 kVA, Ausonia designs and manufactures "electric and thermal integrated" energy generating systems for highly critical sectors such as Telecommunications, Utilities, Military & Defense, Transport, Healthcare and Infrastructures.

Covering an area of 32.000 sqm, Ausonia factory is equipped with the latest technology of automated machines for cutting, bending, welding, painting, assembling and storing manufactured goods, being capable of performing a 3-shifts production in order to meet Customers' specific requests for large volumes and fast delivery time.



Focusing on specific strategies for different industries, Ausonia is today recognized as the main Italian player in terms of customized products and services, offering excellent quality standards and operational performances.

Ausonia R&D department has always driven the market's reference standards and new technology development, being always leader in offering new solutions and products' configurations along its Customer-oriented approach. Within its offer portfolio, Ausonia can also provide CHP/CCHP power plants, LPG Gensets, Medium Voltage gensets, Diesel Rotary UPS and Mobile Generators on wheels.

In order to constantly improve company and product quality, to increase its Customers satisfaction, to improve the consistency of its operations and the efficiency of the company processes, Ausonia adopts a certified Quality and Environment Management System that complies with the following normatives:

- **UNI EN ISO 9001**
- **UNI EN ISO 14001**

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- 1 Oil & Gas**
2,4 MW in standby operation
- 2 Data Center**
4x2,6 MW in redundant setup
- 3 Transports**
10x48 kW in standby operation
- 4 Utilities**
1 MW in standby operation
- 5 Telecoms**
1 MW in standby operation
- 6 Military**
2x115 kW in parallel configuration
- 7 Healthcare**
1,5 MW in standby operation

Introduction

Key for reading codes

The codes indicate the basic technical features of the generating sets, allowing their immediate identification according to the below diagram.

MT	Engine brand	
0660	DG Prime Power (kVA) at 50 / 60 Hz	
S	Engine	S = 1500 rpm / 50 Hz; 1800 rpm / 60 Hz F = 3000 rpm / 50 Hz; 3600 rpm / 60 Hz L = low speed / 50-60 Hz
W	Coolant	A = Air O = Oil W = Water
D	Fuel system	D = Diesel G = Gas

Power ratings (according to ISO 8528)

PRP Prime Power	It is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output over 24 h of operation shall not exceed 70% of the prime power. A 10% overload capacity is available for a period of 1 hour within a 12-hour period of operation.	
LTP Limited-Time Running Power	It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.	

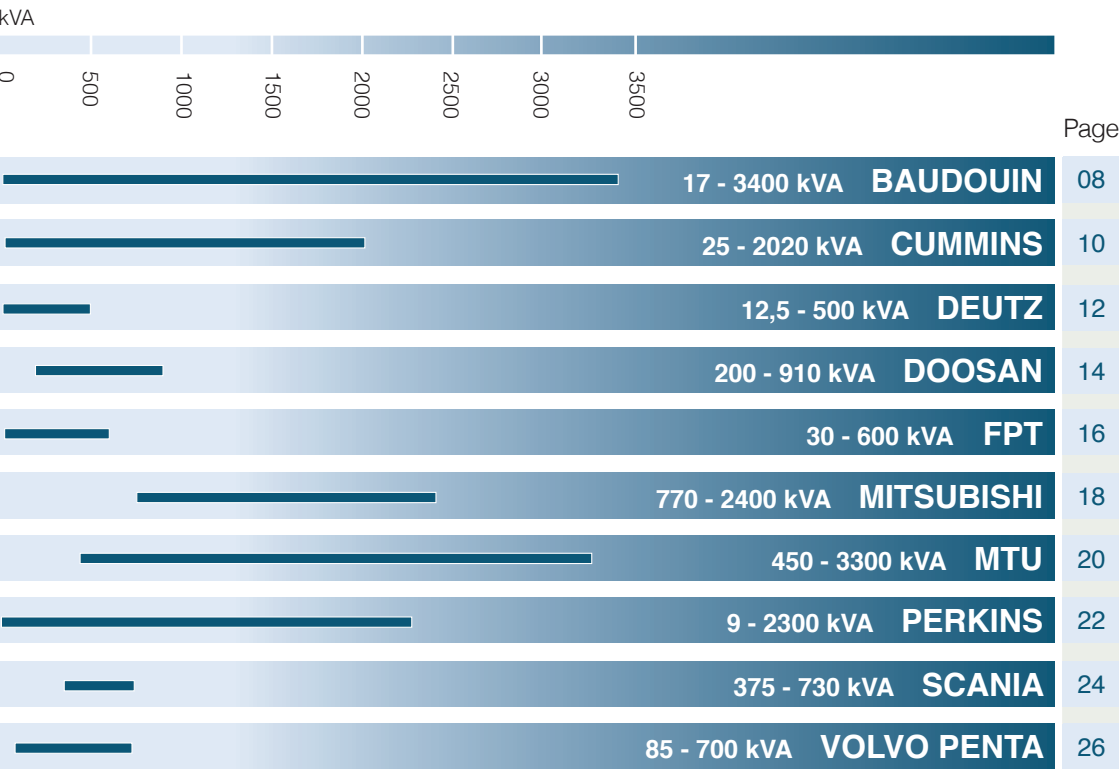
Products



Ausonia generators are designed and built in accordance with the international reference standards and the regulations in force in the national territory.



Products certification according to other local / international standards is available for specific projects.



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Diesel Gensets 17 - 3400 kVA



Powered by:



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight ⁽¹⁾					
	PRP		LTP		Open on skidbase		Soundproofed Silent version			
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg	
BA0017SWD	17	13,6	18,5	14,8	2150x1270x1270	700	C2109SM	2100x950x1330	1000	
BA0020SWD	20	16	22	17,6	2150x1270x1270	700	C2109SM	2100x950x1330	1100	
BA0030SWD	30	24	33	26,4	2150x1270x1350	810	C2109SH	2100x950x1600	1110	
BA0040SWD	40	32	44	35,2	2150x1270x1450	820	C2811SM	2800x1100x1700	1220	
BA0045SWD	45	36	50	40	2150x1270x1450	960	C2811SM	2800x1100x1700	1360	
BA0060SWD	60	48	66	52,8	2150x1270x1450	1150	C2811SM	2800x1100x1700	1550	
BA0075SWD	75	60	82,5	66	2150x1270x1650	1060	C2811SM	2800x1100x1700	1640	
BA0100SWD	100	80	110	88	2150x1270x1650	1280	C2811SM	2800x1100x1700	1880	
BA0140SWD	140	112	155	124	2600x1620x1700	1700	C3412SM	3400x1200x2000	2300	
BA0150SWD	150	120	165	132	2600x1620x1700	2250	C3712SM	3700x1200x2000	2850	
BA0200SWD	200	160	220	176	2800x1620x1700	2350	C3615SM	3600x1500x2100	2950	
BA0230SWD	230	184	250	200	2800x1620x1700	2500	C3615SM	3600x1500x2100	3100	
BA0260SWD	260	208	285	228	2800x1620x1700	2700	C3615SM	3600x1500x2100	3300	
BA0275SWD	275	220	300	240	2800x1620x1700	2900	C3615SM	3600x1500x2100	3500	
BA0320SWD	320	256	350	280	3200x2020x1860	3400	C4818SM	4800x1850x2430	4300	
BA0380SWD	380	304	415	332	3200x2020x2200	3800	C4818SM	4800x1850x2430	4700	
BA0400SWD	400	320	440	352	3200x2020x2200	3880	C4818SM	4800x1850x2430	4780	
BA0450SWD	450	360	500	400	3200x2020x2070	4300	C4818SM	4800x1850x2430	5200	
BA0500SWD	500	400	550	440	3350x2020x2110	4930	C6021SM	6000x2180x2430	5830	
BA0600SWD	600	480	660	528	3800x2020x2450	6400	C6021SM	6000x2180x2430	7400	
BA0650SWD	650	520	715	572	3800x2020x2450	6400	C6021SM	6000x2180x2430	7400	
BA0680SWD	680	544	750	600	3600x2020x2160	6800	C6021SM	6000x2180x2430	7800	
BA0750SWD	750	600	825	660	4000x1650x2280	7000	C6021SM	6000x2180x2430	8300	
BA0800SWD	800	640	880	704	4000x1980x2280	7400	C7224SM	7200x2400x2900	8700	
BA0930SWD	930	744	1020	816	4500x2050x2510	9800	C7224SM	7200x2400x2900	11100	
BA1000SWD	1000	800	1100	880	4500x2050x2510	9900	C7224SM	7200x2400x2900	11200	
BA1130SWD	1130	904	1240	992	4600x2050x2530	10200	S0903SH	9125x2600x2990	15600	
BA1250SWD	1250	1000	1375	1100	4600x2050x2530	11000	S0903SH	9125x2600x2990	15700	
BA1365SWD	1365	1092	1500	1200	4680x2000x2530	12000	S1003SH	10500x2800x2990	19000	
BA1500SWD	1500	1200	1650	1320	5100x2050x2530	12400	S1003SH	10500x2800x2990	19400	
BA1750SWD	1750	1400	1920	1536	5100x2050x2530	12700	S1203SH	12050x3000x2990	22000	
BA1820SWD	1820	1456	2000	1600	4150x1680x2480	13200	S1003SH	10500x3000x2990	20200	
BA2100SWD	2100	1680	2310	1848	4900x1680x2800	15000	S1203SH	12200x3000x2990	24500	
BA2300SWD	2300	1840	2530	2024	4900x1680x2800	15500	S1203SH	12200x3000x2990	25000	
BA2500SWD	2500	2000	2750	2200	4900x1680x2800	16000	S1203SH	12200x3000x2990	25500	
BA2850SWD	2850	2280	3135	2508	5480x1680x2860	17000	40'	12190x2435x2990	26000	
BA3000SWD	3000	2400	3300	2640	5480x1680x2860	17000	40'	12190x2435x2990	26000	
BA3400SWD	3400	2720	3740	2992	5480x1680x2860	18000	40'	12190x2435x2990	27000	

(1) Dimensions refer to the genset only, excluding exhaust muffler and/or remote radiator, whichever is applicable



Oil & Gas

700 kW standby operation

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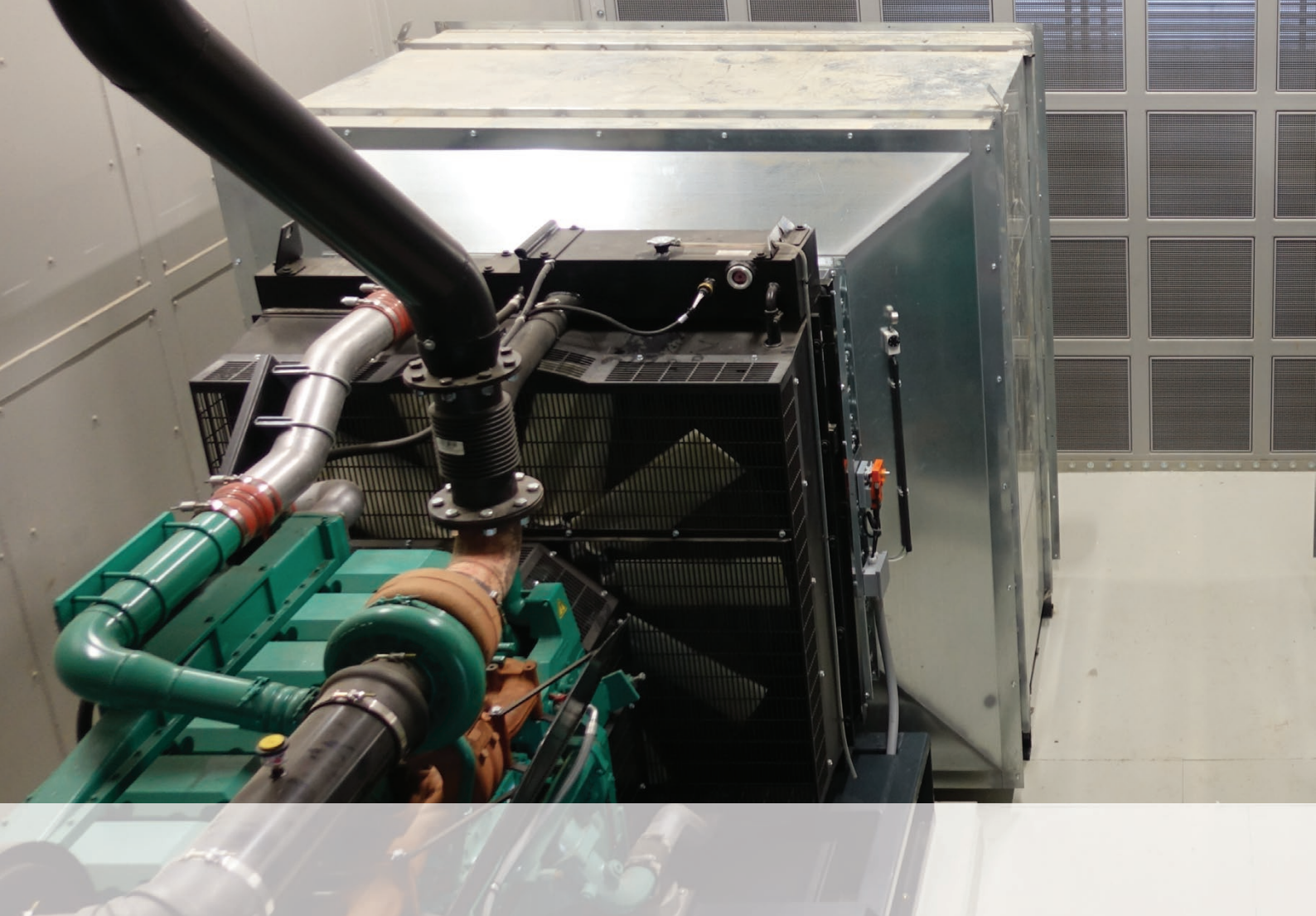
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Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
4M 06G 2D0/S	16,7	18,7	NA	4L	2300	E	3,5	TAL 040 E	MXB-E 160 MA4	ECP 4-1L/4C
4M 06G 4D0/S	21,7	23,7	NA	4L	2300	E	4,5	TAL 040 F	MXB-E 160 LA4	ECP 4-2L/4C
4M 06G 6D0/S	29	32	TC	4L	2300	E	6	TAL 042 C	MXB-E 180 XB4	ECP 28-VL/4C
4M 06G 8D0/S	36	40	TC	4L	2300	E	7	TAL 042 E	MXB-E 180 SC4	ECP 32-2S/4C
4M 06G 50/5	43	47	TC	4L	2300	E	8	TAL 042 F	MXB-E 180 MA4	ECP 32-2S/4C
4M 10G 2D0/S	57	63	TC	4L	4087	E	11	TAL 042 H	MXB-E 180 LB4	ECP 32-2M/4C
4M 10G 4D0/S	69	77	TC	4L	4087	E	13,5	TAL 044 B	MXB-E 225 XB4	ECP 32-1L/4C
4M 10G 6D0/S	86	96	TCA	4L	4087	E	16	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
6M 11G 150/5	123	135	TCA	6L	6750	E	23	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
6M 11G 4D0/S	133	147	TCA	6L	6750	E	25	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
6M 16G 2D0/S	174	191	TCA	6L	9726	E	32	TAL 044 J	MXB-E 250 SB4	ECO 38-2S/4C
6M 16G 4D0/S	203	225	TCA	6L	9726	E	38	TAL 046 C	MXB-E 250 MA4	ECO 38-2M/4C
6M 16G 6D0/S	227	251	TCA	6L	9726	E	42	TAL 046 E	MXB-E 250 LA4	ECO 38-1L/4C
6M 16G 300/5	242	267	TCA	6L	9726	E	45	TAL 046 E	MXB-E 250 LA4	ECO 38-1L/4C
6M 16G 350/5	276	305	TCA	6L	9726	E	52	TAL 046 G	MJB 315 SB4	ECO 38-2L/4C
6M 21G 2D0/S	327	362	TCA	6L	12540	E	61	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
6M 21G 400/5	345	382	TCA	6L	12540	E	63	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
6M 21G 550/5	389	430	TCA	6L	12540	E	70	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
6M 21G 550/5	436	476	TCA	6L	12540	E	75	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
6M 33G 660/5	515	566	TCA	6L	19600	E	94	TAL 0473 E	MJB 355 MA4	ECO 40-2L/4C
6M 33G 715/5	554	612	TCA	6L	19600	E	100	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
6M 33G 750/5	589	649	TCA	6L	19600	E	111	TAL 049 B	MJB 355 MA4	ECO 40-3L/4C
6M 33G 825/5	654	704	TCA	6L	19600	E	115	TAL 049 D	MJB 355 MB4	ECO 40-VL/4C
12M 26G 900/5	697	765	TCA	12V	31800	E	133	TAL 049 D	MJB 355 MB4	ECO 43-1S/4
12M 26G 1000/5	792	874	TCA	12V	31800	E	146	TAL 049 E	MJB 400 MA4	ECO 43-2S/4
12M 26G 1100/5	861	945	TCA	12V	31800	E	155	TAL 049 E	MJB 400 MB4	ECO 43-1M/4
12M 33G 1250/5	950	1051	TCA	12V	39200	E	175	LSA 50.2 M6	MJB 400 LA4	ECO 43-2M/4
12M 33G 1400/5	1043	1153	TCA	12V	39200	E	191	LSA 50.2 M6	MJB 400 LB4	ECO 43-2L/4
12M 33G 1500/5	1143	1263	TCA	12V	39200	E	214	LSA 50.2 L8	MJB 450 MB4	ECO 43-VL/4
12M 33G 1650/5	1307	1407	TCA	12V	39200	E	234	LSA 50.2 L8	MJB 450 MB4	ECO 46-1S/4
16M 33G 1900/5	1458	1608	TCA	16V	52300	E	265	LSA 52.3 S5	MJB 450 LB4	ECO 46-2S/4
16M 33G 2000/5	1680	1800	TCA	16V	52300	E	291	LSA 52.3 S5	MJB 450 LB4	ECO 46-1L/4
20M 33G 2250/5	1850	2020	TCA	20V	65400	E	327	LSA 52.3 S7	MJB 500 MB4	ECO 46-1L/4
12M 55G 2550/5	1985	2210	TCA	12V	65650	E	347	LSA 52.3 L9	MJB 500 LA4	ECO 46-1.5L/4
12M 55G 2750/5	2200	2450	TCA	12V	65650	E	381	LSA 52.3UL16	MJB 560 MA4	ECO 46-VL/4
16M 55G 3000/5	2500	2750	TCA	16V	87500	E	428	LSA 53.2 M9	MJB 560 LA4	not available
16M 55G 3300/5	2646	2900	TCA	16V	87500	E	454	LSA 53.2 M12	MJB 630 MB4	not available
16M 55G 3750/5	2900	3300	TCA	16V	87500	E	495	LSA 54.2 L14	MJB 630 LA4	not available



Diesel Gensets

25 - 2020 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight ⁽¹⁾				
	PRP		LTP		Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
CU0025SWD	25	20	27,5	22	2150x1270x1270	670	C2109SH	2100x950x1600	970
CU0035SWD	35	28	38,5	30,8	2150x1270x1270	680	C2109SH	2100x950x1600	980
CU0100SWD	100	80	110	88	2150x1270x1450	1060	C2811SM	2800x1100x1700	1800
CU0145SWD	145	116	155	124	2600x1620x1650	1620	C3712SM	3700x1200x2000	2220
CU0150SWD	150	120	165	132	2600x1620x1700	1680	C3712SM	3700x1200x2000	2280
CU0190SWD	190	152	210	168	2600x1620x1700	2000	C3615SM	3600x1500x2100	2600
CU0270SWD	270	216	300	240	2800x1620x1700	3000	C3615SM	3600x1500x2100	3600
CU0320SWD	320	256	350	280	3200x2020x1860	3150	C4818SM	4800x1850x2430	4050
CU0400SWD	400	320	440	352	3200x2020x2000	3800	C4818SM	4800x1850x2430	4700
CU0530SWD	530	424	580	464	3600x2020x2110	4110	C4818SM	4800x1850x2430	5230
CU0640SWD	640	512	700	560	3800x2020x2450	5250	C6021SM	6000x2180x2430	6250
CU0800SWD	800	640	880	704	4000x1660x2150	5950	C7224SM	7200x2400x2900	7430
CU0930SWD	930	744	1020	816	4300x1750x2420	8800	C7224SM	7200x2400x2900	11600
CU1000SWD	1000	800	1100	880	4300x1750x2420	8800	C7224SM	7200x2400x2900	11600
CU1280SWD	1280	1024	1400	1120	5000x1760x2420	10500	S1003SH	10500x2800x2990	18300
CU1400SWD	1400	1120	1540	1232	5630x2000x3050	11570	TBD		
CU1875SWD	1875	1500	2050	1640	5850x2500x3200	15450	TBD		
CU2020SWD	2020	1616	2240	1792	6000x2500x3200	16000	TBD		

(1) Dimensions refer to the genset only, excluding exhaust muffler and/or remote radiator, whichever is applicable

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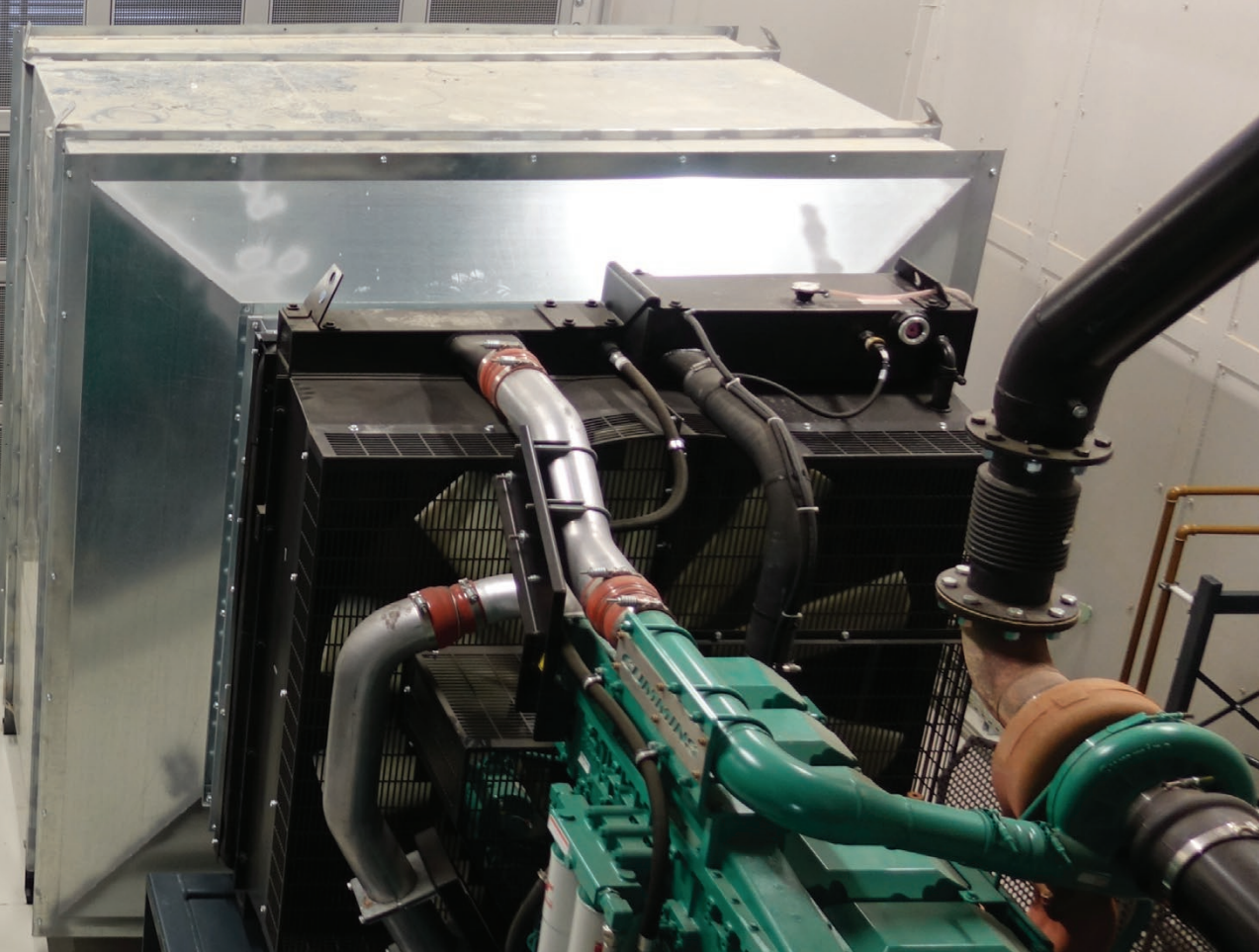
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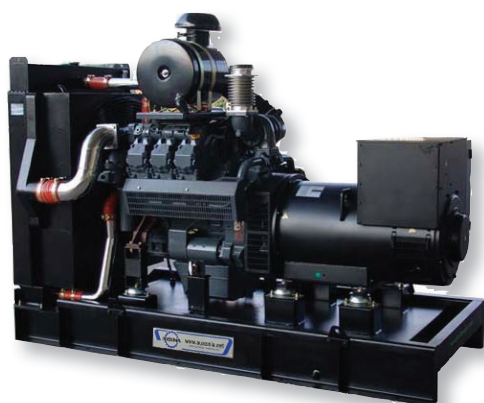


Healthcare
700 kW standby operation

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
X2.5 G2	23,4	26,4	NA	3L	2500	M	5	TAL 042 A	MXB-E 180 XS4	ECP 28-L/4C
X3.3 G1	31	35	NA	4L	3300	M	6	TAL 042 D	not available	not available
6BTA 5.9 G5	90	99	TCA	6L	5900	E	17	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
6BTAA 5.9 G6	125	135	TCA	6L	5900	E	26	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
6BTAA 5.9 G7	135	150	TCA	6L	5900	E	26	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
QSB7 G5	168	197	TCA	6L	6690	E	33	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
6LTAA 9.5 G3	236	263	TCA	6L	9500	E	42	TAL 046 E	MXB-E 250 LA4	ECO 38-1L/4C
6LTAA 9.5 G1	276	303	TCA	6L	9500	E	50	TAL 046 G	MJB 315 SB4	ECO 38-2L/4C
QSG 12 G2	356	390	TCA	6L	11800	E	60	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
QSZ 13 G10	448	488	TCA	6L	13000	E	80	TAL 0473 D	MJB 355 SB4	ECO 40-1L/4C
VTA 28 G5	547	599	TCA	12V	28000	E	103	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
QSK 23 G3	682	739	TCA	6L	23100	E	119	TAL 049 D	MJB 355 MB4	ECO 43-1S/4
KTA 38 G3	783	863	TCA	12V	38000	E	150	TAL 049 E	MJB 400 MA4	ECO 43-2S/4
KTA 38 G5	857	937	TCA	12V	38000	E	157	TAL 049 E	MJB 400 MB4	ECO 43-1M/4
KTA 50 G3	1074	1192	TCA	16V	50000	E	199	LSA 50.2 L7	MJB 400 LB4	ECO 43-2L/4
KTA 50 G8	1168	1383	TCA	16V	50000	E	221	LSA 50.2 L8	MJB 450 MB4	ECO 43-VL/4
QSK 60 G3	1580	1737	TCA	16V	60200	E	267	LSA 52.3 S6	MJB 500 SC4	ECO 46-1L/4
QSK 60 G4	1695	1861	TCA	16V	60200	E	289	LSA 52.3 S7	MJB 500 MB4	ECO 46-1L/4



Diesel Gensets 12,5 - 500 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight				
	PRP		LTP		Open on skidbase ⁽¹⁾		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
DE0013SOD	12,5	10	13	10,4	2150x1270x1270	650	C2109SM	2100x950x1330	950
DE0020SOD	20	16	22	17,6	2150x1270x1270	700	C2109SM	2100x950x1330	1000
DE0030SOD	30	24	33	26,4	2150x1270x1350	710	C2109SH	2100x950x1600	1010
DE0040SOD	40	32	44	35,2	2150x1270x1350	790	C2811SM	2800x1100x1700	1090
DE0060SOD	60	48	64	51,2	2150x1270x1350	920	C2811SM	2800x1100x1700	1320
DE0100SWD	100	80	110	88	2150x1270x1650	1230	C2811SM	2800x1100x1700	1820
DE0130SWD	130	104	140	112	2600x1620x1650	1610	C3412SM	3400x1200x2000	2210
DE0160SWD	160	128	170	136	2600x1620x1680	1780	C3712SM	3700x1200x2000	2380
DE0180SWD	180	144	200	160	2600x1620x1690	1990	C3615SM	3600x1500x2100	2590
DE0200SWD	200	160	220	176	2600x1620x1690	1990	C3615SM	3600x1500x2100	2590
DE0250SWD	250	200	275	220	2600x1620x1690	2200	C3615SM	3600x1500x2100	2800
DE0300SWD	300	240	330	264	3200x2020x1860	3170	C4818SM	4800x1850x2430	4070
DE0350SWD	350	280	380	304	3200x2020x1860	3260	C4818SM	4800x1850x2430	4160
DE0450SWD	450	360	480	384	3200x2020x2070	3710	C4818SM	4800x1850x2430	4610
DE0500SWD	500	400	550	440	3200x2020x2070	4260	C4818SM	4800x1850x2430	5160

(1) Dimensions refer to the genset only, excluding exhaust muffler

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Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
F2M 2011	12	12,6	NA	2L	1600	M	2,5	TAL 040 D	not available	ECP 3-2L/4C
F3M 2011	20	21	NA	3L	2300	M	4	TAL 040 F	MXB-E 160 LA4	ECP 4-2L/4C
F4M 2011	29	30,5	NA	4L	3100	M	5	TAL 042 C	MXB-E 180 XB4	ECP 28-VL/4C
BF4M 2011	38,2	40,2	TC	4L	3100	M	7	TAL 042 E	MXB-E 180 SC4	ECP 32-2S/4C
BF4M 2011C	54	56,9	TC	4L	3100	M	10	TAL 042 H	MXB-E 180 LB4	ECP 32-2M/4C
BF4M 1013 EC	92,8	97,8	TCA	4L	4764	M	16	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
BF4M 1013 FC	113,4	119,8	TCA	4L	4764	E	21	TAL 044 H	MXB-E 225 MB4	ECP 34-2M/4C
BF6M 1013 EC	142,2	149,2	TCA	6L	7146	M	25	TAL 044 K	MXB-E 225 LB4	ECP 34-2L/4C
BF6M 1013 FCG2	156,5	178,7	TCA	6L	7150	E	31	TAL 044 L	MXB-E 250 SA4	ECO 38-1S/4C
BF6M 1013 FCG3	178,6	196,6	TCA	6L	7150	E	35	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
TCD 2013 L06 4V	216	241	TCA	6L	7146	E	42	TAL 046 D	MXB-E 250 MB4	ECO 38-2M/4C
BF6M 1015 CG1	271,5	300,5	TCA	6V	11906	E	52	TAL 046 F	MXB-E 250 LB4	ECO 38-1L/4C
BF6M 1015 CG2	301,5	331,5	TCA	6V	11906	E	57	TAL 046 H	MJB 315 SB4	ECO 38-2L/4C
BF8M 1015 CG2	395,1	441,1	TCA	8V	15874	E	75	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
BF8M 1015 CP	430,1	472,1	TCA	8V	15874	E	83	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C



Diesel Gensets 200 - 910 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight					
	PRP		LTP		Open on skidbase ⁽¹⁾		Soundproofed Silent version			
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg	
DO0200SWD	200	160	220	176	2600x1620x1700	2100	C3615SM	3600x1500x2100	2700	
DO0230SWD	230	184	250	200	2800x1620x1700	2130	C3615SM	3600x1500x2100	2730	
DO0270SWD	270	216	300	240	2800x1620x1700	2480	C3615SM	3600x1500x2100	3080	
DO0300SWD	300	240	330	264	2800x1620x1700	2480	C3615SM	3600x1500x2100	3080	
DO0350SWD	350	280	380	304	3200x2020x2000	3200	C4818SM	4800x1850x2430	4100	
DO0400SWD	400	320	440	352	3200x2020x2000	3550	C4818SM	4800x1850x2430	4450	
DO0450SWD	450	360	500	400	3200x2020x2030	3200	C4818SM	4800x1850x2430	4100	
DO0500SWD	500	400	550	440	3200x2020x2030	3250	C4818SM	4800x1850x2430	4150	
DO0570SWD	570	456	625	500	3200x2020x2070	4500	C4818SM	4800x1850x2430	5500	
DO0640SWD	640	512	700	560	3200x2020x2070	4750	C4818SM	4800x1850x2430	5750	
DO0680SWD	680	544	750	600	3600x2020x2160	5070	C6021SM	6000x2180x2430	6550	
DO0750SWD	750	600	825	660	3600x2020x2160	5320	C7224SM	7200x2400x2900	6800	
DO0800SWD	800	640	880	704	4500x2050x2400	6300	C7224SM	7200x2400x2900	7800	
DO0910SWD	910	728	1000	800	4500x2050x2400	6500	C7224SM	7200x2400x2900	8000	

(1) Dimensions refer to the genset only, excluding exhaust muffler

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Oil & Gas

160 kW standby operation

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
P086 TI	172	194	TCA	6L	8071	E	32	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
DP 086 LA	196	219	TCA	6L	8071	E	37	TAL 046 C	MXB-E 250 MA4	ECO 38-2M/4C
P 126 TI	234	265	TCA	6L	11051	E	44	TAL 046 E	MXB-E 250 LA4	ECO 38-1L/4C
P 126 TI-II	258	287	TCA	6L	11051	E	47	TAL 046 F	MXB-E 250 LB4	ECO 38-1L/4C
DP 126 LB	311	346	TCA	6L	11051	E	57	TAL 046 H	MJB 315 SB4	ECO 38-2L/4C
P 158 LE	349	400	TCA	8V	14618	E	65	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
DP 158 LC	392	433	TCA	8V	14618	E	73	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
DP 158 LD	448	494	TCA	8V	14618	E	83	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
DP 180 LA	486	536	TCA	10V	18273	E	94	TAL 0473 E	MJB 355 SB4	ECO 40-2L/4C
DP 180 LB	540	596	TCA	10V	18273	E	104	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
DP 222 LB	580	640	TCA	12V	21927	E	109	TAL 049 B	MJB 355 MA4	ECO 40-3L/4C
DP 222 LC	633	699	TCA	12V	21927	E	119	TAL 049 D	MJB 355 MB4	ECO 40-VL/4C
DP 222 CB	684	769	TCA	12V	21927	E	127	TAL 049 D	MJB 355 MB4	ECO 43-1S/4
DP 222 CC	769	854	TCA	12V	21927	E	150	TAL 049 E	MJB 400 MA4	ECO 43-2S/4

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Diesel Gensets 30 - 600 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight				
	PRP		LTP		Open on skidbase ⁽¹⁾		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
FI0030SWD	30	24	33	26,4	2150x1270x1270	720	C2109SH	2100x950x1600	980
FI0045SWD	45	36	50	40	2150x1270x1450	820	C2811SM	2800x1100x1700	1150
FI0050SWD	50	40	55	44	2150x1270x1450	950	C2811SM	2800x1100x1700	1500
FI0060SWD	60	48	66	52,8	2150x1270x1450	1020	C2811SM	2800x1100x1700	1600
FI0080SWD	80	64	88	70,4	2150x1270x1450	1060	C2811SM	2800x1100x1700	1640
FI0100SWD	100	80	110	88	2150x1270x1500	1240	C2811SM	2800x1100x1700	1840
FI0120SWD	120	96	132	105,6	2600x1620x1650	1400	C3412SM	3400x1200x2000	2000
FI0170SWD	170	136	190	152	2600x1620x1700	1600	C3712SM	3700x1200x2000	2200
FI0200SWD	200	160	220	176	2600x1620x1700	1980	C3615SM	3600x1500x2100	2580
FI0250SWD	250	200	275	220	2750x1620x1830	2600	C3615SM	3600x1500x2100	3200
FI0300SWD	300	240	330	264	2750x1620x1830	2720	C3615SM	3600x1500x2100	3320
FI0350SWD	350	280	380	304	3200x2020x1870	3080	C4818SM	4800x1850x2430	3770
FI0400SWD	400	320	440	352	3200x2020x1870	3500	C4818SM	4800x1850x2430	4190
FI0430SWD	430	344	470	376	3200x2020x1850	3500	C4818SM	4800x1850x2430	4300
FI0500SWD	500	400	550	440	3200x2020x1850	3500	C4818SM	4800x1850x2430	4400
FI0600SWD	600	480	660	528	3200x2020x2000	5000	C4818SM	4800x1850x2430	5920

(1) Dimensions refer to the genset only, excluding exhaust muffler

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Transports

320 kW on truck for standby operation

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Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
M 80313 AM1	28,1	31	NA	3L	2900	M	5	TAL 042 C	MXB-E 180 XB4	ECP 28-VL/4C
N45 AM1A	41,5	45,8	NA	4L	4500	M	8	TAL 042 F	MXB-E 180 MA4	ECP 32-2S/4C
N45 AM2	45	49,7	NA	4L	4500	M	9	TAL 042 G	MXB-E 180 MC4	ECP 32-1M/4C
N45 SM1A	53,5	59	TC	4L	4500	M	10	TAL 042 H	MXB-E 180 LB4	ECP 32-2M/4C
N45 SM3	73,3	81	TC	4L	4500	M	14	TAL 044 B	MXB-E 225 XB4	ECP 32-2L/4C
N45 TM2A	87,5	96,2	TCA	4L	4500	M	16	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
N45 TM3	107,2	118,2	TCA	4L	4500	M	19	TAL 044 E	MXB-E 225 MA4	ECP 34-1M/4C
N67 TM4	149	165	TCA	6L	6700	M	26	TAL 044 L	MXB-E 250 SA4	ECO 38-1S/4C
N67 TM7	176,5	194	TCA	6L	6700	M	30	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
N67 TE8P	217,3	239,5	TCA	6L	6700	E	38	TAL 046 D	MXB-E 250 MB4	ECO 38-2M/4C
C87 TE4	275	299	TCA	6L	8700	E	45	TAL 046 F	MXB-E 250 LB4	ECO 38-1L/4C
C13 TE2A	300	330	TCA	6L	12880	E	52	TAL 046 H	MJB 315 SB4	ECO 38-2L/4C
C13 TE3A	352	387	TCA	6L	12880	E	63	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
C13 TE6W	371	414	TCA	6L	12880	E	64	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
CR13 TE7W	425	459	TCA	6L	12880	E	74	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
CR16 TE1W	505	557	TCA	6L	15900	E	87	TAL 0473 E	MJB 355 MA4	ECO 40-2L/4C

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Diesel Gensets

770 - 2400 kVA

Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight ⁽¹⁾					
	PRP		LTP		Open on skidbase		Soundproofed Silent version			
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg	
MI0770SWD	770	616	850	680	4000x1650x2200	6500	C7224SM	7200x2400x2900	7980	
MI1000SWD	1000	800	1100	880	4300x2000x2400	9000	C7224SM	7200x2400x2900	11800	
MI1280SWD	1280	1024	1400	1120	4320x2000x2250	9500	S1003SH	10500x2800x2990	17300	
MI1400SWD	1400	1120	1500	1200	4400x2000x2250	9650	S1003SH	10500x2800x2990	17450	
MI1750SWD	1750	1400	1920	1536	5100x2000x2250	12000	S1003SH	10500x3000x2990	19000	
MI1900SWD	1900	1520	2100	1680	5100x2000x2550	12530	S1003SH	10500x3000x2990	19530	
MI2000SWD	2000	1600	2200	1760	5635x2392x3315	14100	S1203SH	12200x3000x2990	22900	
MI2280SWD	2280	1824	2500	2000	6500x2500x2800	20000	S1203SH	12200x3000x2990	29000	
MI2400SWD	2400	1920	2640	2112	7000x2500x2800	22000	S1203SH	12200x3000x2990	29000	



(1) Dimensions refer to the genset only, excluding exhaust muffler and/or remote radiator, whichever is applicable

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Utilities

3 MW standby operation

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
S12A2-PTA	657	724	TCA	12V	33930	E	126	LSA 49.3 M8	MJB 355 MB4	ECO 43-1S/4
S12H-PTA	890	980	TCA	12V	37110	E	167	TAL 049 E	MJB 400 MB4	ECO 43-1M/4
S12R-PTA	1080	1190	TCA	12V	49030	E	205	LSA 50.2 L7	MJB 400 LB4	ECO 43-2L/4
S12R-PTA2	1165	1285	TCA	12V	49030	E	211	LSA 50.2 L8	MJB 450 MB4	ECO 43-VL/4
S16R-PTA	1480	1620	TCA	16V	65370	E	260	LSA 52.3 S5	MJB 450 LB4	ECO 46-2S/4
S16R-PTA2	1630	1790	TCA	16V	65370	E	298	LSA 52.3 S6	MJB 500 SC4	ECO 46-1L/4
S16R-F1PTAW2	1777	1947	TCA	16V	65370	E	324	LSA 52.3 S6	MJB 500 SC4	ECO 46-1L/4
S16R2-PTAW	1899	2106	TCA	16V	79900	E	370	LSA 52.3 L9	MJB 500 LA4	ECO 46-1.5L/4
S16R2-PTAW-E	1986	2193	TCA	16V	79900	E	370	LSA 52.3 L12	MJB 500 LA4	ECO 46-2L/4

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Diesel Gensets 450 - 3300 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight ⁽¹⁾					
	PRP		LTP		Open on skidbase		Soundproofed Silent version			
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg	
MT0450SWD	450	360	500	400	3200x2020x2070	4400	C4818SM	4800x1850x2430	5300	
MT0500SWD	500	400	550	440	3200x2020x2070	4460	C6021SM	6000x2180x2430	5340	
MT0600SWD	600	480	660	528	3600x2020x2160	5600	C6021SM	6000x2180x2430	6600	
MT0660SWD	660	528	720	576	3600x2020x2160	5800	C6021SM	6000x2180x2430	6800	
MT0750SWD	750	600	825	660	3900x1450x2280	5700	C7224SM	7200x2400x2900	7200	
MT0800SWD	800	640	880	704	3900x1450x2280	5700	C7224SM	7200x2400x2900	7200	
MT0910SWD	910	728	1000	800	4250x1580x2350	7500	C7224SM	7200x2400x2900	8800	
MT1000SWD	1000	800	1100	880	4500x1580x2320	7600	C7224SM	7200x2400x2900	8900	
MT1140SWD	1140	912	1250	1000	4500x1580x2350	7700	S0903SH	9125x2600x2990	13900	
MT1250SWD	1250	1000	1375	1100	4600x1900x2530	8000	S0903SH	9125x2600x2990	14000	
MT1400SWD	1400	1120	1540	1232	4000x1680x2425	10100	S1003SH	10500x2800x2990	17100	
MT1650SWD	1650	1320	1800	1440	4150x1680x2425	12000	S1003SH	10500x2800x2990	19000	
MT1850SWD	1850	1480	2035	1628	4150x1680x2480	13200	S1003SH	10500x3000x2990	20200	
MT2100SWD	2100	1680	2310	1848	4800x1680x2570	13600	S1203SH	12200x3000x2990	22400	
MT2300SWD	2300	1840	2530	2024	4900x1680x2570	14300	S1203SH	12200x3000x2990	23100	
MT2550SWD	2550	2040	2800	2240	5380x1680x2860	16500	S1203SH	12200x3000x2990	26000	
MT2850SWD	2850	2280	3135	2508	5480x1680x2860	17000	40'	12190x2435x2990	26000	
MT3000SWD	3000	2400	3300	2640	5480x1680x2860	17000	40'	12190x2435x2990	26000	
MT3300SWD	3300	2640	3630	2904	5480x1680x2860	18000	40'	12190x2435x2990	27000	

(1) Dimensions refer to the genset only, excluding exhaust muffler and/or remote radiator, whichever is applicable

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Oil & Gas 2,4 MW standby operation

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
10V 1600 G10F	390	431	TCA	10V	17500	E	72	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
10V 1600 G20F	431	476	TCA	10V	17500	E	75	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
12V 1600 G10F	505	557	TCA	12V	21000	E	91	TAL 0473 E	MJB 355 MA4	ECO 40-2L/4C
12V 1600 G20F	557	615	TCA	12V	21000	E	99	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
12V 2000 G16F	630	697	TCA	12V	26800	E	111	TAL 049 D	MJB 355 MB4	ECO 40-VL/4C
12V 2000 G26F	674	745	TCA	12V	26800	E	117	TAL 049 D	MJB 355 MB4	ECO 43-1S/4
16V 2000 G16F	766	847	TCA	16V	35700	E	122	TAL 049 E	MJB 400 MA4	ECO 43-2S/4
16V 2000 G26F	850	939	TCA	16V	35700	E	147	TAL 049 E	MJB 400 MB4	ECO 43-1M/4
16V 2000 G36F	960	1060	TCA	16V	35700	E	165	LSA 50.2 M6	MJB 400 LA4	ECO 43-2M/4
18V 2000 G26F	1057	1167	TCA	18V	40200	E	178	LSA 50.2 M6	MJB 400 LB4	ECO 43-2L/4
12V 4000 G14RF	1205	1325	TCA	12V	57200	E	228	LSA 50.2 L8	MJB 450 MB4	ECO 43-VL/4
12V 4000 G14F	1420	1562	TCA	12V	57200	E	242	LSA 52.3 S5	MJB 450 LA4	ECO 46-1.5S/4
12V 4000 G24F	1575	1733	TCA	12V	57200	E	270	LSA 52.3 S6	MJB 450 LB4	ECO 46-1L/4
16V 4000 G14F	1798	1978	TCA	16V	76300	E	300	LSA 52.3 S7	MJB 500 MB4	ECO 46-1L/4
16V 4000 G24F	1965	2162	TCA	16V	76300	E	332	LSA 52.3 L9	MJB 500 LA4	ECO 46-1.5L/4
20V 4000 G14F	2200	2420	TCA	20V	95400	E	371	LSA 52.3UL16	MJB 560 MA4	ECO 46-VL/4
20V 4000 G24F	2420	2662	TCA	20V	95400	E	426	LSA 53.2 M9	MJB 560 LA4	not available
20V 4000 G34F	2590	2849	TCA	20V	95400	E	431	LSA 53.2 M12	MJB 630 MB4	not available
20V 4000 G44F	2807	3088	TCA	20V	95400	E	472	LSA 54.2 L14	MJB 630 LA4	not available

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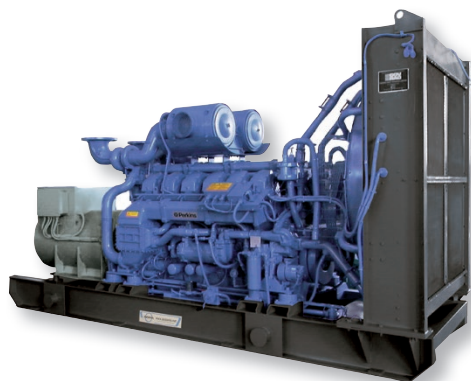
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Diesel Gensets 9 - 2300 kVA



Powered by:



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight ⁽¹⁾				
	PRP		LTP		Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
PE0009SWD	9	7,2	10	8	2150x1270x1270	635	C2109SM	2100x950x1330	935
PE0013SWD	13	10,4	14	11,2	2150x1270x1270	635	C2109SM	2100x950x1330	935
PE0015SWD	15	12	16	12,8	2150x1270x1270	645	C2109SM	2100x950x1330	945
PE0020SWD	20	16	21,5	17,2	2150x1270x1270	700	C2109SM	2100x950x1330	1000
PE0030SWD	30	24	33	26,4	2150x1270x1350	710	C2109SH	2100x950x1600	1010
PE0045SWD	45	36	50	40	2150x1270x1350	790	C2811SM	2800x1100x1700	1190
PE0060SWD	60	48	66	52,8	2150x1270x1350	920	C2811SM	2800x1100x1700	1320
PE0080SWD	80	64	88	70,4	2150x1270x1350	1050	C2811SM	2800x1100x1700	1450
PE0100SWD	100	80	110	88	2150x1270x1350	1210	C2811SM	2800x1100x1700	1730
PE0130SWD	130	104	143	114,4	2600x1620x1650	2100	C3412SM	3400x1200x2000	2700
PE0150SWD	150	120	165	132	2600x1620x1650	2200	C3712SM	3700x1200x2000	2800
PE0180SWD	180	144	200	160	2600x1620x1700	2000	C3615SM	3600x1500x2100	2600
PE0200SWD	200	160	220	176	2600x1620x1700	2110	C3615SM	3600x1500x2100	2710
PE0250SWD	250	200	275	220	2600x1620x1820	2440	C3615SM	3600x1500x2100	3040
PE0300SWD	300	240	330	264	3200x2020x1860	3300	C4818SM	4800x1850x2430	4200
PE0350SWD	350	280	380	304	3200x2020x1908	3600	C4818SM	4800x1850x2430	4500
PE0400SWD	400	320	440	352	3200x2020x2200	3740	C4818SM	4800x1850x2430	4640
PE0450SWD	450	360	500	400	3200x2020x2200	3680	C4818SM	4800x1850x2430	4580
PE0500SWD	500	400	550	440	3200x2020x2200	3680	C4818SM	4800x1850x2430	4580
PE0620SWD	620	496	680	544	3500x2020x2250	5000	C4818SM	4800x1850x2430	6000
PE0660SWD	660	528	720	576	3600x2020x2270	4620	C6021SM	6000x2180x2430	5620
PE0750SWD	750	600	825	660	3920x1980x2250	5300	C7224SM	7200x2400x2900	6780
PE0800SWD	800	640	880	704	3920x1980x2250	5700	C7224SM	7200x2400x2900	7180
PE1000SWD	1000	800	1100	880	4500x2045x2510	7500	C7224SM	7200x2400x2900	8380
PE1250SWD	1250	1000	1375	1100	4680x1800x2300	11000	S0903SH	9125x2600x2990	17600
PE1380SWD	1380	1104	1500	1200	4680x2000x2530	12000	S1003SH	10500x2800x2990	19000
PE1500SWD	1500	1200	1650	1320	4870x1800x2300	11000	S1003SH	10500x2800x2990	17600
PE1720SWD	1720	1376	1890	1512	5100x2050x2530	12700	S1203SH	12050x3000x2990	22000
PE1900SWD	1900	1520	2090	1672	4800x1680x2570	13500	S1003SH	10500x3000x2990	20500
PE2050SWD	2050	1640	2250	1800	4800x1680x2570	14000	S1203SH	12200x3000x2990	22800
PE2300SWD	2300	1840	2530	2024	4900x1680x2570	14500	S1203SH	12200x3000x2990	23000

(1) Dimensions refer to the genset only, excluding exhaust muffler and/or remote radiator, whichever is applicable



Oil & Gas

2 MW standby operation

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
403A-11 G1	8,4	9,2	NA	3L	1131	M	2	not available	not available	ECP 4-3M/4C
403A-15 G1	12	13,2	NA	3L	1496	M	3	TAL 040 D	not available	ECP 3-2L/4C
403A-15 G2	13,84	15,24	NA	3L	1496	M	3	TAL 040 D	not available	ECP 4-5M/4C
404A-22 G1	18,4	20,3	NA	4L	2216	M	4	TAL 040 F	MXB-E 160 LA4	ECP4-2L/4C
1103A-33 G	27,7	30,4	NA	3L	3300	M	5	TAL 042 C	MXB-E 180 XB4	ECP 28-VL/4C
1103A-33 TG1	41,3	45,6	TC	3L	3300	M	8	TAL 042 F	MXB-E 180 MA4	ECP 32-2S/4C
1103A-33 TG2	53,8	59,3	TC	3L	3300	M	10	TAL 042 H	MXB-E 180 LB4	ECP 32-2M/4C
1104A-44 TG2	71,9	79,1	TC	4L	4400	M	14	TAL 044 B	MXB-E 225 XB4	ECP 32-2L/4C
1104C-44 TAG2	89	97,9	TCA	4L	4400	E	17	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
1106A-70 TG1	118,3	131,4	TC	6L	7000	M	23	TAL 044 H	MXB-E 225 MB4	ECP 34-2M/4C
1106A-70 TAG2	131	144,1	TCA	6L	7000	E	25	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
1106A-70 TAG3	157,7	175,2	TCA	6L	7000	M	32	TAL 044 L	MXB-E 250 SA4	ECO 38-1S/4C
1106A-70 TAG4	173,9	191,3	TCA	6L	7000	E	35	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
1206A-E70 TTAG3	217,2	238,2	TCA	6L	7000	E	42	TAL 046 D	MXB-E 250 MB4	ECO 38-2M/4C
1706A-E93 TAG1	267,3	295	TCA	6L	9290	E	45	TAL 046 F	MXB-E 250 LB4	ECO 38-1L/4C
1706A-E93 TAG2	302,4	334	TCA	6L	9290	E	52	TAL 046 H	MJB 315 SB4	ECO 38-2L/4C
2206A-E13 TAG3	349	392	TCA	6L	12500	E	62	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
2506A-E15 TAG1	396	435	TCA	6L	15200	E	73	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
2506A-E15 TAG2	435	478	TCA	6L	15200	E	81	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
2806A-E18 TAG1A	522	574	TCA	6L	18100	E	90	TAL 0473 F	MJB 355 MA4	ECO 40-2L/4C
2806A-E18 TAG2	565	609	TCA	6L	18100	E	97	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
4006-23 TAG2A	632	695	TCA	6L	22921	E	121	TAL 049 D	MJB 355 MB4	ECO 40-VL/4C
4006-23 TAG3A	679	760	TCA	6L	22921	E	130	TAL 049 D	MJB 355 MB4	ECO 43-1S/4
4008 TAG2A	861	947	TCA	8L	30561	E	160	TAL 049 E	MJB 400 MB4	ECO 43-1M/4
4012-46 TWG2A	1055	1166	TCA	12V	45842	E	201	LSA 50.2 M6	MJB 400 LB4	ECO 43-2L/4
4012-46 TWG3A	1149	1263	TCA	12V	45842	E	220	LSA 50.2 L8	MJB 450 MB4	ECO 43-VL/4
4012-46 TAG2A	1267	1395	TCA	12V	45842	E	227	LSA 50.2 L8	MJB 450 MB4	ECO 46-1S/4
4012-46 TAG3A	1440	1583	TCA	12V	45842	E	266	LSA 52.3 S5	MJB 450 LB4	ECO 46-2S/4
4016-61 TRG1	1648	1774	TCA	16V	61123	E	297	LSA 52.3 S6	MJB 500 SC4	ECO 46-1L/4
4016-61 TRG2	1774	1985	TCA	16V	61123	E	316	LSA 52.3 S7	MJB 500 MB4	ECO 46-1L/4
4016-61 TRG3	1975	2183	TCA	16V	61123	E	344	LSA 52.3 L9	MJB 500 LA4	ECO 46-1.5L/4

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Diesel Gensets 375 - 730 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight				
	PRP		LTP		Open on skidbase ⁽¹⁾		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
SC0375SWD	375	300	410	328	3200x2020x1860	3400	C4818SM	4800x1850x2430	4300
SC0400SWD	400	320	440	352	3200x2020x1955	3500	C4818SM	4800x1850x2430	4400
SC0450SWD	450	360	500	400	3200x2020x2070	3710	C4818SM	4800x1850x2430	4610
SC0500SWD	500	400	550	440	3200x2020x2070	4260	C4818SM	4800x1850x2430	5160
SC0560SWD	560	448	616	492,8	3200x2020x2070	4560	C4818SM	4800x1850x2430	5460
SC0640SWD	640	512	700	560	3600x2020x2160	5550	C6021SM	6000x2180x2430	6550
SC0700SWD	700	560	770	616	3600x2020x2160	5650	C6021SM	6000x2180x2430	6650
SC0730SWD	730	584	800	640	3600x2020x2160	6100	C6021SM	6000x2180x2430	7100

(1) Dimensions refer to the genset only, excluding exhaust muffler

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Utilities

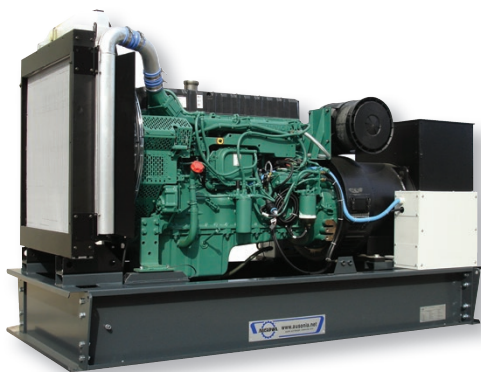
200 kW@55°C on truck for standby operation

Type	Diesel engine							Alternator		
	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
DC13 072A 02 11	320	350	TCA	6L	12700	E	53	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
DC13 072A 02 12	355	393	TCA	6L	12700	E	57	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
DC13 072A 02 13	393	428	TCA	6L	12700	E	63	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
DC13 072A 02 14	428	470	TCA	6L	12700	E	70	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
DC16 093A 02 52	473	522	TCA	8V	16400	E	81	TAL 0473 E	MJB 355 SB4	ECO 40-2L/4C
DC16 093A 02 54	545	601	TCA	8V	16400	E	92	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
DC16 078 02 43	596	655	TCA	8V	16400	E	101	TAL 049 B	MJB 355 MB4	ECO 40-VL/4C
DC16 078 02 44	619	681	TCA	8V	16400	E	105	TAL 049 B	MJB 355 MB4	ECO 40-VL/4C

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Diesel Gensets 85 - 700 kVA



Model	50 Hz - 1500 rpm - 400/230 V				Dimensions and weight				
	PRP		LTP		Open on skidbase ⁽¹⁾		Soundproofed Silent version		
	kVA	kW	kVA	kW	LxWxH mm	kg	Type	LxWxH mm	kg
VO0085SWD	85	68	93,5	74,8	2150x1270x1650	1150	C2811SM	2800x1100x1700	1550
VO0100SWD	100	80	110	88	2150x1270x1650	1230	C2811SM	2800x1100x1700	1820
VO0130SWD	130	104	143	114,4	2600x1620x1650	1610	C3412SM	3400x1200x2000	2210
VO0150SWD	150	120	165	132	2600x1620x1680	1680	C3712SM	3700x1200x2000	2280
VO0180SWD	180	144	200	160	2600x1620x1690	1990	C3615SM	3600x1500x2100	2590
VO0200SWD	200	160	220	176	2600x1620x1690	1990	C3615SM	3600x1500x2100	2590
VO0250SWD	250	200	275	220	2600x1620x1690	2200	C3615SM	3600x1500x2100	2800
VO0300SWD	300	240	330	264	3200x2020x1860	3170	C4818SM	4800x1850x2430	4070
VO0325SWD	325	260	358	286,4	3200x2020x1860	3250	C4818SM	4800x1850x2430	4150
VO0350SWD	350	280	380	304	3200x2020x1860	3260	C4818SM	4800x1850x2430	4160
VO0380SWD	380	304	415	332	3200x2020x1860	3400	C4818SM	4800x1850x2430	4300
VO0400SWD	400	320	440	352	3200x2020x1955	3500	C4818SM	4800x1850x2430	4400
VO0450SWD	450	360	500	400	3200x2020x2070	3710	C4818SM	4800x1850x2430	4610
VO0500SWD	500	400	550	440	3200x2020x2070	4260	C4818SM	4800x1850x2430	5160
VO0570SWD	570	456	625	500	3200x2020x2070	4560	C4818SM	4800x1850x2430	5460
VO0650SWD	650	520	715	572	3600x2020x2160	5550	C6021SM	6000x2180x2430	6550
VO0700SWD	700	560	770	616	3600x2020x2160	5650	C6021SM	6000x2180x2430	6650

(1) Dimensions refer to the genset only, excluding exhaust muffler

Powered by:

**VOLVO
PENTA**



Utilities

500 kW standby operation (stainless steel container)

Diesel engine								Alternator		
Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Fuel cons. @75% l/h	Leroy Somer	Marelli	Mecc Alte
TAD 530 GE	74	83	TCA	4L	4760	M	14	TAL 044 C	MXB-E 225 SB4	ECP 34-1S/4C
TAD 531 GE	88	98	TCA	4L	4760	M	17	TAL 044 D	MXB-E 225 SB4	ECP 34-2S/4C
TAD 532 GE	112	125	TCA	4L	4760	E	21	TAL 044 H	MXB-E 225 MB4	ECP 34-2M/4C
TAD 731 GE	133	148	TCA	6L	7150	M	25	TAL 044 J	MXB-E 225 LA4	ECP 34-1L/4C
TAD 732 GE	158	176	TCA	6L	7150	E	30	TAL 044 L	MXB-E 250 SA4	ECO 38-1S/4C
TAD 733 GE	175	195	TCA	6L	7150	E	33	TAL 044 M	MXB-E 250 SB4	ECO 38-2S/4C
TAD 841 GE	220	242	TCA	6L	7700	E	39	TAL 046 D	MXB-E 250 MB4	ECO 38-2M/4C
TAD 842 GE	261	287	TCA	6L	7700	E	47	TAL 046 F	MXB-E 250 LB4	ECO 38-1L/4C
TAD 843 GE	280	308	TCA	6L	7700	E	51	TAL 046 G	MJB 315 SB4	ECO 38-2L/4C
TAD 1342 GE-B	303	333	TCA	6L	12780	E	52	TAL 046 H	MJB 315 SB4	ECO 38-2L/4C
TAD 1343 GE-B	325	356	TCA	6L	12780	E	56	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
TAD 1344 GE-B	354	389	TCA	6L	12780	E	61	TAL 0473 A	MJB 315 MA4	ECO 40-1S/4C
TAD 1345 GE-B	388	431	TCA	6L	12780	E	69	TAL 0473 B	MJB 315 MB4	ECO 40-2S/4C
TAD 1346 GE	427	470	TCA	6L	12780	E	76	TAL 0473 C	MJB 355 SA4	ECO 40-3S/4C
TAD 1642 GE-B	485	536	TCA	6L	16120	E	86	TAL 0473 E	MJB 355 SB4	ECO 40-2L/4C
TWD 1644 GE	554	609	TCA	6L	16120	E	90	TAL 0473 F	MJB 355 MA4	ECO 40-3L/4C
TWD 1645 GE	595	655	TCA	6L	16120	E	100	TAL 049 B	MJB 355 MB4	ECO 40-VL/4C

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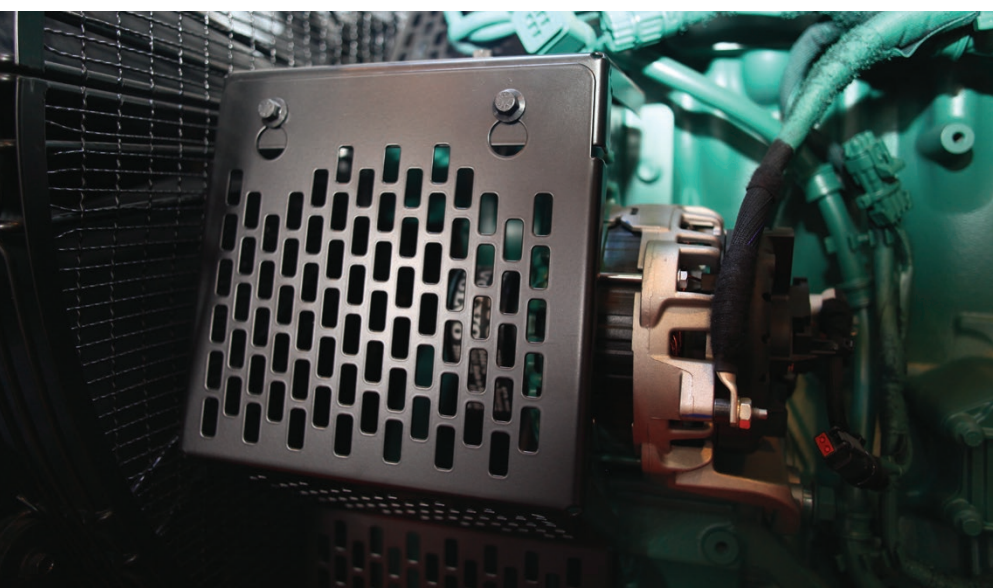
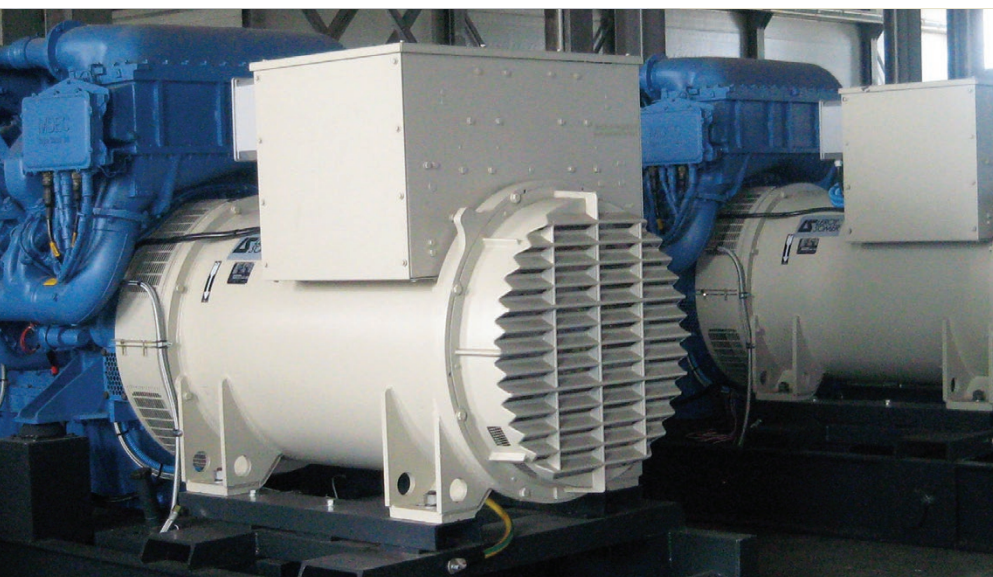
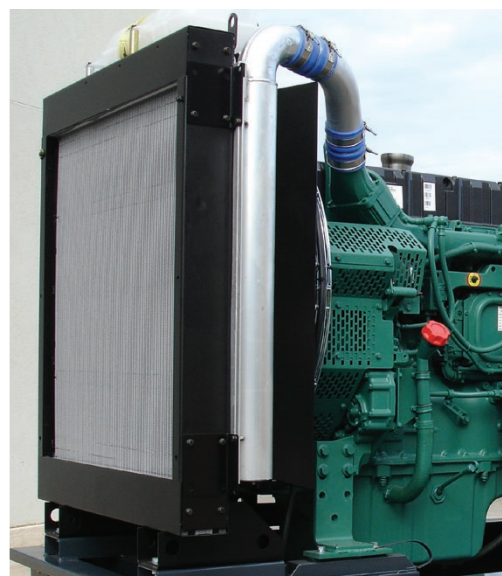
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Equipment



Equipment for generating set on skidbase	Standard & Optional
Engine	
Diesel engine, 4 strokes, water-cooled (oil cooled for Deutz from 12,5 to 60 kVA)	•
Electric starting system	•
Alternator battery charger	•
Dry air filter with removable element	•
Protection against hot and moving parts	•
Cooling system	
Temperate radiator mounted on skidbase	•
Tropical radiator mounted on skidbase	□
Remote radiator	□
Coolant preheating system (standard only for automatic genset)	•
First fill coolant	□
Exhaust	
Industrial silencer (noise reduction 15 dB), supplied loose	•
Residential silencer (noise reduction 35/40 dB), supplied loose (for open set only)	□
Blunt terminal for silencer	□
Bend pipe with rain cap for silencer	□
Exhaust gas expansion joint	•
Protection for hot parts	□
Lubrication system	
Oil sump drainage system	□
Oil level control with automatic top-up system	□
First fill oil	•
Standard oil filter	•
Oil preheating system	□
Alternator	
Self-excited and self-regulated, class H/H, single bearing, IP 23	•
Self excited and self regulated, class H/H, double bearing, IP 23	□
Automatic voltage regulator with exciter	•
Anti-condensation heater	□
Air inlet filter	□
CT and VT	□
Treatment against moist and corrosive environment	□
Fuel system	
Built-in fuel tank 120 l capacity	•
Extended built-in fuel tank capacity	□
Leak proof tray with sensor	□
Storage fuel tank	□
Automatic refuelling kit	□
Standard fuel filter	•
Water/fuel filter separator	□
Generating set	
Skidbase with antivibrating shock-absorbers	•
Lead-acid type batteries with cables and tray	•
Sealed lead-acid type batteries with cable and tray	□
Removable lifting devices	□
Tools kit	□
Special tools	□
Electrical diagrams	•
Operation & maintenance manual (electronic format)	•

• = Standard □ = Optional

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Control Panels

Ausonia offers a full range of switchboards and PLCs for its product portfolio.

Equipped with digital controllers produced by famous brands all over the world, Ausonia control panels can be supplied for manual, automatic, parallel operation, depending on the type of application they are intended for.

Power and control protections are always available to protect the generating sets from electrical damage that could occur downstream the power line.

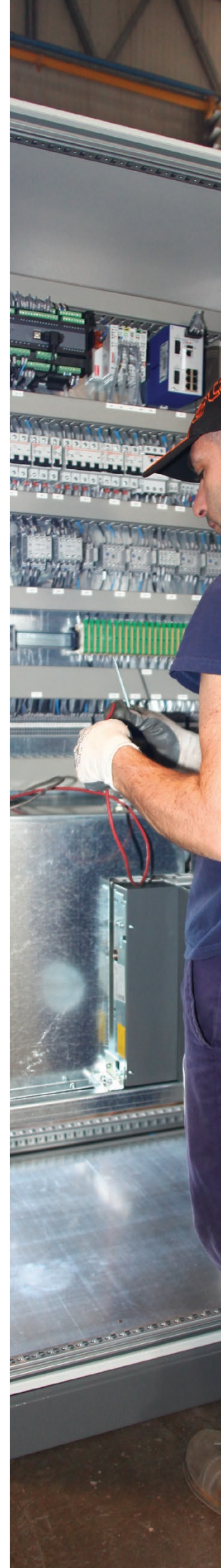
In addition, the control panels can be also equipped with automatic transfer switches, available as a built-in type or in separate configuration, depending on the power and the generator set layout.

The enclosure is available with different IP protection degrees, in order to meet the needs of each Customer.

On request, special customizations can be supplied with specific indicators, instruments and switches.

Technical features	Manual	Automatic	Parallel
Gauges on display			
Mains voltmeter (R S T line voltages and phase voltage)	x	•	□
Mains frequency meter	x	•	•
DG voltmeter (U V W line voltage and phase voltage)	•	•	•
Ammeter on three phases (U V W)	•	•	•
DG frequency meter	•	•	•
Tachometer	□	□	•
Hours counter	•	•	•
Start counter	x	•	•
Power factor meter	•	•	•
Wattmeter	•	•	•
DG kVAR	•	•	•
DG apparent power	•	•	•
DG kWh	•	•	•
Battery voltmeter	•	•	•
Led / display indication			
Changeover state indication	x	•	•
Active alarm(s)	•	•	•
Engine running	•	•	•
DG Voltage/frequency within nominal value	•	•	•
Mains Voltage/frequency within nominal value	x	•	□
Electric feeding ON and controller OK	•	•	•
Operation modes	x	•	•
Protections			
DG low/high voltage (27/59)	•	•	•
DG low/high frequency (81<>)	•	•	•
Battery voltage out of limits (80/45)	•	•	•
High engine temperature	•	•	•
Low oil pressure	•	•	•
Overspeed	•	•	•
Engine low speed (81<f)	x	x	•
DG overload (kW)	x	•	•
Alternator overcurrent (51)	•	•	•
Short-circuit (50)	x	•	•
Starting failure	•	•	•
Stop failure	•	•	•

• = Standard □ = Optional x = Not available





Technical features	Manual	Automatic	Parallel
Protections			
Emergency stop	●	●	●
Phase sequence error (47)	●	●	●
DG contactor opening/closing failure	x	□	●
Mains contactor opening/closing failure	x	□	□
Unbalanced voltage (60)	□	□	●
Unbalanced current (46)	□	□	●
Synchronization failure (25)	x	x	●
Energy reverse (32)	x	□	●
Alternator under/over excitation (40)	□	●	●
Alarm for end of fuel	□	●	●
High oil temperature	□	□	□
Warning/shutdown for low water level	□	□	□
Alarm/stop for low fuel level	□	●	●
Alarm/stop for belt failure	□	□	□
Battery charger failure alarm	x	□	□
Other features and visualization on display			
Engine preheating timer	x	●	●
Mains fail/return timer	x	●	□
Engine cooling cycle timer	x	●	●
Changeover exchange timer	x	●	●
Mains voltage and frequency thresholds	x	●	●
Displayed information available in multiple languages	●	●	●
Load transient delay timer	●	●	●
Historical report of last 150 events	●	●	●
Interventions counter for changeover device	x	●	●
Display power off	●	●	x
Date and hour	●	●	●
Speed calibration	□	□	●
Fuel level indicator	□	●	●
Operation disabling key	□	□	●
Voltage calibration	□	□	□
Timer for preventive maintenance	□	□	□
Oil pressure gauge	□	□	□
Oil temperature gauge	□	□	□
Water temperature gauge	□	□	□
Exhaust gas thermometer	□	□	□
Back synchronizing function	x	x	□
Power management function	x	x	□
Gauge for windings/bearing(s) temperature with alarm visualization	□	□	□
Remote management via RS485 ModBus RTU	□	●	□
Remote management via PC, GSM, TCP/IP, SCADA	□	□	□
Other devices			
Static battery charger	x	●	●
Engine preheating	x	●	●
Free contact for cumulative failure	●	●	●
Back-lighted display	●	●	●
Free contact for controller failure	●	●	●
Fuel detection sensor in drip leaks tray	□	□	□
Battery charger ammeter	x	□	□
Refueling card	□	□	□
Earth leakage protection 64/S	□	□	□
Differential protection 87G	x	x	□
Test scheduler	□	□	□
Automatic switch for auxiliary circuits	□	□	□
Free contacts for remote alarms	□ (max 16)	□ (max 16)	□ (max 20)
Other functions for mains synchronization			
Isochronous load sharing for active power (95)	x	x	●
Automatic sharing of reactive load with permanent speed drop (95)	x	x	●
Load sharing for reactive power without drop (95)	x	x	□

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Soundproofing Solutions

Ausonia is able to offer its Customers a wide range of standard and customized soundproofing systems which are specially designed to house the generator set and all its accessories, including the control and monitoring panel, allowing the machine to operate at its maximum rated performance.

Ausonia soundproofing systems are available in multiple configurations, with different arrangements, weights and dimensions. They vary according to the type of generator, the size of the control panel, the required soundproofing level and the specific environmental and operation conditions at site, always maintaining high quality levels and satisfying the industry international standards.

Thanks to the consolidated knowledge acquired during its long period of activity, Ausonia is able to design soundproofing configurations that can reach extremely low noise levels, therefore making them suitable for installations in sites which are highly sensitive to noise, such as hospitals, urban centers and residential areas.

The guaranteed residual noise level varies according to the selected soundproofing system and the size of the generating set.

The soundproofing solutions are equipped with access doors variable in number according to their size and such as to make the generator set easily accessible to allow normal maintenance operations. Special gutters are provided to convey the water out of the surface occupied by the doors.

The shutters of the structure and doors are equipped with automotive-type gaskets that guarantee perfect sealing against rain and water infiltrations.

Technical features	Canopy	Shelter	Container
Highly corrosion proof	●	●	●
Galvanized steel panels	●	●	●
Carbon steel sheet structure and baseframe	●	●	●
Fully bunded baseframe	□	□	□
Different painting cycle and/or colour from standard	□	□	□
Galvanized steel anti-rain louvers with fixed wings	●	●	●
Galvanized steel anti-rain louvers with motorized wings	□	□	□
Structure and external panels in stainless steel AISI 304 or 316	□	□	□
Anti-animal protection grid (air intake)	●	●	●
Electric fans for DG room cooling	□	□	□
Solution for arctic or desert environment	□	□	□
Different soundproofing levels	□	□	□
Exhaust gas silencer, residential type	●	●	●
Exhaust rain cap	●	●	●
Rain gutters above doors	□	□	□
Class A1 fire reaction insulation material	□	□	●
EI 60/90/120 certified insulation material	x	□	□
Internal lighting and switches/sockets following IEC rules	□	●	●
Doors with Yale-type key	●	□	x
Service access doors with lockable handle	□	●	x
Service access doors with lockable handle and internal anti-panic handle	x	□	●
Windowed control panel door for parameters reading on the controller display	□	□	●
Easy access for power cables connection	●	●	●
Emergency stop push-button in external box	●	●	●
Auxiliary circuits breaker in external box with breakable glass	□	□	□
Diesel fuel shut-off valve with handle in external box with breakable glass	□	□	□
Fire extinguisher	□	□	□
Automatic fire-fighting system	□	□	□

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Canopy



Shelter



Container

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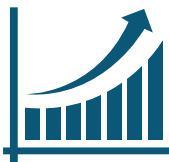
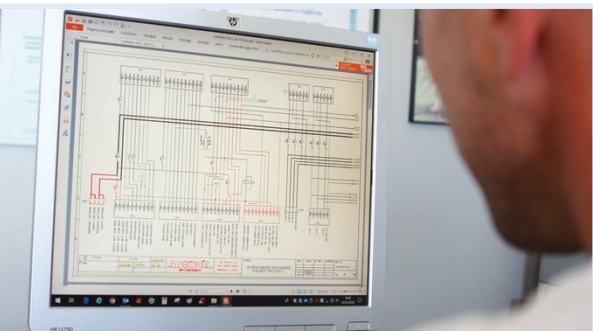
PROJECT SERVICES

PROJECT MANAGEMENT
DEPLOYMENT & START-UP
COMMISSIONING



MAINTENANCE SERVICES

EMERGENCY RESPONSE
PREVENTIVE MAINTENANCE
REMOTE ASSISTANCE
SPARE PARTS



PERFORMANCE OPTIMIZATION SERVICES

ASSESSMENT & OPTIMIZATION SERVICES
EQUIPMENT UPGRADE & REPLACEMENT
ELECTRICAL ENGINEERING SERVICES



TRAINING

PRODUCT OVERVIEW
PRODUCT OPERATION
PRODUCT MAINTENANCE
PRODUCT SERVICES



Willing to switch from being a product manufacturer to a solution maker, Ausonia has developed its structure to follow the Customers from the initial phases of their energy related projects, offering them also a complete portfolio of energy services, valid along the entire product lifecycle.

By analyzing the Customers' requirements in detail and discussing together about the more suitable solution for their needs, Ausonia is able to provide different energy offerings solutions, from a pure CAPEX model (Sale of Product) up to a pure OPEX model (Sale of Energy).

Thanks to this wide scenario of energy solutions, Ausonia achieved a high level of trust at its Customers and for many years it's recognized as one of the most reputable companies in the power business worldwide.

Being active in providing **"Energy as a Service"** to different Customers in very challenging industries like Telecom and Oil & Gas, Ausonia counts with a deep experience in understanding the needs of various Customers, who appreciate the value of a single, proactive and reliable partner in business.

In order to have a specific team dedicated to the Energy Services, Ausonia has created in 2003 the company **MediPower**, who acts as an ESCO providing energy, even on short term basis, whenever and wherever the Customer requests.

Coordinating the service activities of all the Technical Services Centers spread around the involved territory, the Network Operation Center (NOC) at MediPower HQ performs real-time scheduling and monitoring of the activities of the field teams, as well as a constant remote monitoring and control of the power systems installed on site, for a complete performance and failure prevention analysis.

Constantly optimizing its operational costs in order to share the benefits with its Customers, the company focuses at guaranteeing a high rate of uptime (>99.9%) and at being compliant with the existing safety and environmental regulations, being an undisputed leader for energy services in Italy and in other countries.

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www.ausonia.com

Headquarter and factory:

AUSONIA S.r.l.

Via Favara (SP 62), 452/C

91025 Marsala (TP) - Italy

T +39 0923 722311

ausonia@ausonia.com



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