Diesel Gensets

9 ÷ 3300 kVA (50 Hz)

Our energy, your power.

AUSONIA

ENG


salvagnini
P4L-2520


VINCENZO

Overview

Established in 1932, Ausonia represents the company with the longest experience and highest know-how in the gensets manufacturing business in Italy.

With a standard range of tried-and-tested gensets up to 3300 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 normative:

- UNI EN ISO 9001
- UNI EN ISO 14001

Applications

1 **Healthcare**
2x700 kW parallel configuration

2 **Data Centers**
3,5 MW emergency power plant

3 **Transports**
2 MW stand-by operation

4 **Oil & Gas**
2 MW in IP55 container (+55°C)

5 **Telecoms**
Hybrid solar 12 kW generator

6 **Military**
2x220 kW mobile power station

7 **Utilities**
440 kW stand-by operation

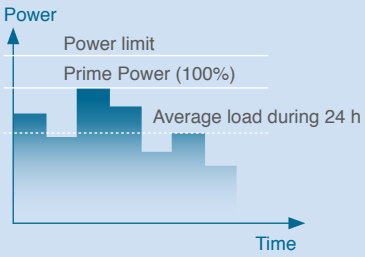
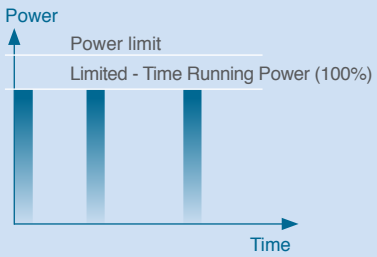
Introduction

Key for reading codes

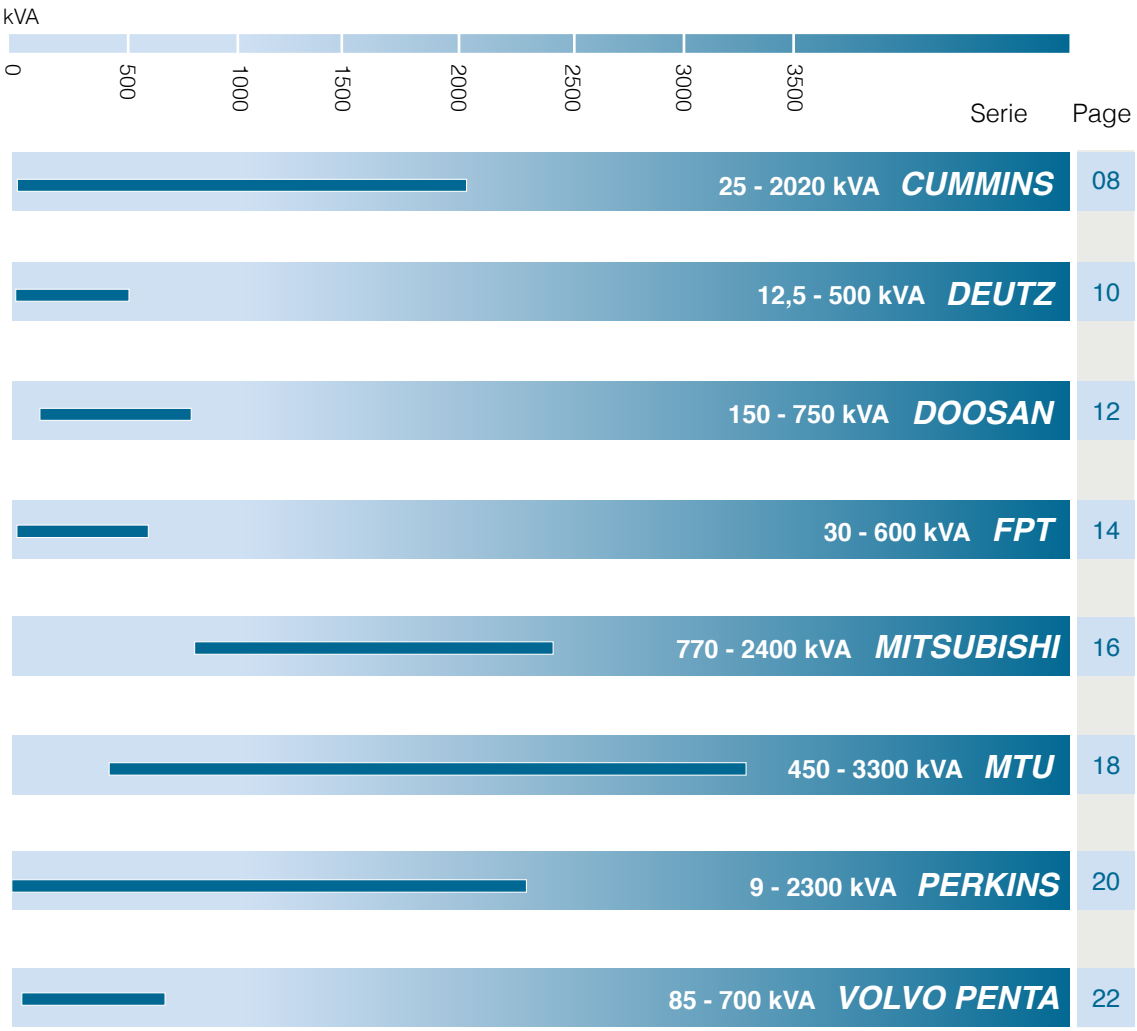
MT	Engine brand			
0660	GS Prime Power (kVA) at 50 / 60 Hz			
S	Engine	S = 1500 rpm/50 Hz; 1800 rpm/60 Hz F = 3000 rpm/50 Hz; 3600 rpm/60 Hz		
W	Coolant	A = Air	O = Oil	W = Water
D	Fuel system	D = Diesel	G = Gas	

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

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. No overload capability is available.	

Products



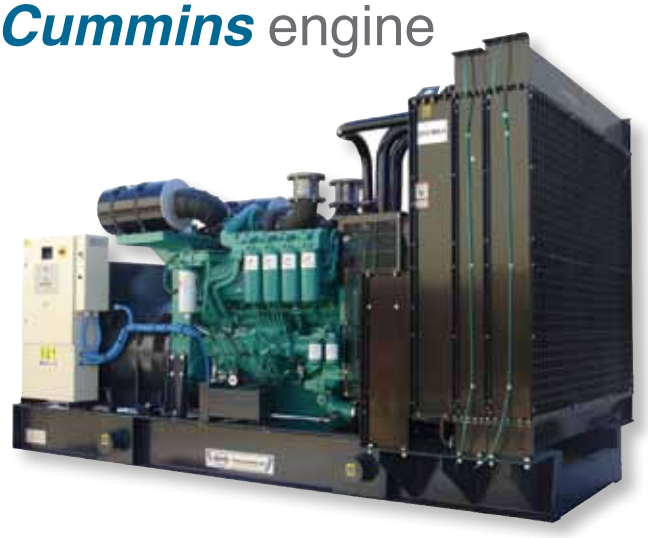
Powered by:

Healthcare

700 kW stand-by operation

Diesel Gensets with ***Cummins*** engine

25 - 2020 kVA



Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
CU0025SWD	25	20	27,5	22	5	2150x1270x1270	670	A	2150x1270x1400	970
CU0035SWD	35	28	38,5	30,8	6	2150x1270x1270	680	A	2150x1270x1400	980
CU0100SWD	100	80	110	88	17	2150x1270x1450	1060	B	2800x1270x1600	1805
CU0145SWD	145	116	155	124	26	2600x1620x1650	1620	C	3600x1620x1950	2220
CU0150SWD	150	120	165	132	26	2600x1620x1700	1680	C	3600x1620x1950	2280
CU0190SWD	190	152	210	168	33	2600x1620x1700	2000	C	3600x1620x1950	2600
CU0250SWD	250	200	275	220	49	2600x1620x1950	2950	C	3600x1620x1950	3550
CU0300SWD	300	240	330	264	45	2600x1620x1950	3110	C	3600x1620x1950	3710
CU0500SWD	500	400	550	440	77	3350x2020x2110	3910	D	4800x2020x2400	4810
CU0640SWD	640	512	700	560	103	3800x2020x2450	5250	E	5200x2020x2400	6250
CU0800SWD	800	640	880	704	119	4000x1660x2150	5950	F	6000x2180x2400 (1)	7430
CU0930SWD	930	744	1020	816	150	4300x1750x2420	8800	G	7000x2400x2700 (1)	11600
CU1000SWD	1000	800	1100	880	157	4300x1750x2420	8800	G	7000x2400x2700 (1)	11600
CU1280SWD	1280	1024	1430	1144	199	5000x1760x2420	10500	35'	10500x2435x2990 (1)	18300
CU1400SWD	1400	1120	1540	1232	221	5630x2000x3050	11570		contact headquarters	
CU1875SWD	1875	1500	2050	1640	267	5850x2500x3200	15450		contact headquarters	
CU2020SWD	2020	1616	2240	1792	289	6000x2500x3200	16000		contact headquarters	

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
CU0025SWD	X2.5G2	23,4	26,4	NA	3L	2500	M	TAL042A	MXB 180 SA4	ECP28-2L/4
CU0035SWD	X3.3G1	31	35	NA	4L	3300	M	TAL042D	MXB 180 MA4	not available
CU0100SWD	6BTA 5.9 G5	90	99	TCA	6L	5900	E	TAL044D	MXB 225 MA4	ECP34-2S/4
CU0145SWD	6BTAA 5.9 G6	125	135	TCA	6L	5900	E	TAL044J	MXB 225 LB4	ECP34-2L/4
CU0150SWD	6BTAA 5.9 G7	135	150	TCA	6L	5900	E	TAL044J	MXB 225 LB4	ECP34-2L/4
CU0190SWD	QSB7G5	168	197	TCA	6L	6690	E	TAL044M	MJB 250 LA4	ECO38-2S/4
CU0250SWD	QSL9G3	217	244	TCA	6L	8800	E	LSA 46.3 S5	MJB 250 LB4	ECO38-1L/4
CU0300SWD	QSL9G5	258	297	TCA	6L	8800	E	TAL046F	MJB 315 SA4	ECO38-2L/4
CU0500SWD	QSX 15 G8	426	477	TCA	6L	15000	E	TAL047C	MJB 355 SA4	ECO40-3S/4
CU0640SWD	VTA 28 G5	547	599	TCA	12V	28000	E	TAL047F	MJB 355 MA4	ECO40-2L/4
CU0800SWD	QSK 23 G3	682	739	TCA	6L	23100	E	LSA 49.3 M8	MJB 355 MB4	ECO43-1S/4
CU0930SWD	KTA 38 G3	783	863	TCA	12V	38000	E	TAL049E	MJB 400 MA4	ECO43-2S/4
CU1000SWD	KTA 38 G5	857	937	TCA	12V	38000	E	TAL049E	MJB 400 MB4	ECO43-1M/4
CU1280SWD	KTA 50 G3	1074	1192	TCA	16V	50000	E	LSA 50.2 L7	MJB 400 LB4	ECO43-2L/4
CU1400SWD	KTA 50 G8	1168	1383	TCA	16V	50000	E	LSA 50.2 L8	MJB 450 MB4	ECO43-VL/4
CU1875SWD	QSK 60 G3	1580	1737	TCA	16V	60200	E	LSA 52.3 S6	MJB 450 SC4	ECO46-1L/4
CU2020SWD	QSK 60 G4	1695	1861	TCA	16V	60200	E	LSA 52.3 S7	MJB 500 MB4	ECO46-1L/4

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

Powered by:

DEUTZ

Telecom

2x12,5 kVA in dual setup (1+1) for off-grid BTS

Diesel Gensets with ***Deutz*** engine

12,5 - 500 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
DE12.5SOD	12,5	10	13	10,4	2,5	2150x1270x1270	650	A	2150x1270x1400	950
DE0020SOD	20	16	22	17,6	4	2150x1270x1270	700	A	2150x1270x1400	1000
DE0030SOD	30	24	33	26,4	5	2150x1270x1350	710	A	2150x1270x1400	1010
DE0040SOD	40	32	44	35,2	7	2150x1270x1350	790	A	2150x1270x1400	1090
DE0060SWD	60	48	64	51,2	10	2150x1270x1350	920	B	2800x1270x1600	1320
DE0100SWD	100	80	110	88	16	2150x1270x1650	1230	B	2800x1270x1600	1820
DE0130SWD	130	104	140	112	21	2600x1620x1650	1610	C	3600x1620x1950	2210
DE0160SWD	160	128	170	136	25	2600x1620x1680	1780	C	3600x1620x1950	2380
DE0180SWD	180	144	200	160	31	2600x1620x1690	1990	C	3600x1620x1950	2590
DE0200SWD	200	160	220	176	35	2600x1620x1690	1990	C	3600x1620x1950	2590
DE0250SWD	250	200	275	220	42	2600x1620x1690	2200	C	3600x1620x1950	2800
DE0300SWD	300	240	330	264	46	3200x2020x1860	3170	D	4800x2020x2400	4070
DE0350SWD	350	280	380	304	54	3200x2020x1860	3260	D	4800x2020x2400	4160
DE0450SWD	450	360	480	384	69	3200x2020x2070	3710	D	4800x2020x2400	4610
DE0500SWD	500	400	550	440	83	3200x2020x2070	4260	D	4800x2020x2400	5160

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
DE12.5SOD	F2M 2011	12	12,6	NA	2L	1600	M	TAL040C	MXB 160 SB4	ECP3-2L/4
DE0020SOD	F3M 2011	20	21	NA	3L	2300	M	TAL040F	MXB 180 XA4	ECP-28-M/4
DE0030SOD	F4M 2011	29	30,5	NA	4L	3100	M	TAL042C	MXB 180 SB4	ECP28-VL/4
DE0040SOD	BF4M 2011	38,2	40,2	TC	4L	3100	M	TAL042E	MXB 180 MA4	ECP32-3S/4
DE0060SWD	BF4M 2011C	54	56,9	TC	4L	3100	M	TAL042H	MXB 180 LB4	ECP32-2M/4
DE0100SWD	BF4M 1013EC	92,8	97,8	TCA	4L	4764	M	TAL044D	MXB 225 MA4	ECP34-2S/4
DE0130SWD	BF4M 1013FC	113,4	119,8	TCA	4L	4764	E	TAL044H	MXB 225 LA4	ECP34-1L/4
DE0160SWD	BF6M 1013EC	142,2	149,2	TCA	6L	7146	M	TAL044K	MXB 225 LC4	ECP34-3L/4
DE0180SWD	BF6M 1013 FCG2	156,5	178,7	TCA	6L	7150	E	TAL044L	MJB 250 MB4	ECO38-1S/4
DE0200SWD	BF6M 1013 FCG3	178,6	196,6	TCA	6L	7150	E	TAL044M	MJB 250 LA4	ECO38-2S/4
DE0250SWD	TCD 2013 L06 4V	216	241	TCA	6L	7146	E	LSA 46.3 S5	MJB 250 LB4	ECO38-1L/4
DE0300SWD	BF6M 1015 CG2	271,2	301	TCA	6V	11906	E	TAL046F	MJB 315 SA4	ECO38-2L/4
DE0350SWD	BF6M 1015 CG3	301,1	335,1	TCA	6V	11906	E	TAL046H	MJB 315 SB4	ECO38-3L/4
DE0450SWD	BF8M 1015 CG2	383	408,5	TCA	8V	15874	E	TAL047B	MJB 315 MB4	ECO40-2S/4
DE0500SWD	BF8M 1015 CP	433,9	477	TCA	8V	15874	E	TAL047C	MJB 355 SA4	ECO40-3S/4

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DOOSAN

Telecom

550 kW emergency operation for MSC

Diesel Gensets with ***Doosan*** engine

150 - 750 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
DO0150SWD	150	120	165	132	26	2600x1620x1700	2000	C	3600x1620x1950	2600
DO0200SWD	200	160	220	176	32	2600x1620x1700	2100	C	3600x1620x1950	2700
DO0230SWD	230	184	250	200	37	2800x1620x1700	2130	C	3600x1620x1950	2730
DO0270SWD	270	216	300	240	44	2800x1620x1700	2480	C	3600x1620x1950	3080
DO0300SWD	300	240	330	264	47	2800x1620x1700	2480	C	3600x1620x1950	3080
DO0350SWD	350	280	380	304	57	3200x2020x2000	3200	D	4800x2020x2400	4100
DO0400SWD	400	320	440	352	65	3200x2020x2000	3550	D	4800x2020x2400	4450
DO0450SWD	450	360	500	400	73	3200x2020x2030	3200	D	4800x2020x2400	4100
DO0500SWD	500	400	550	440	83	3200x2020x2030	3250	D	4800x2020x2400	4150
DO0570SWD	570	456	625	500	94	3200x2020x2070	4500	E	5200x2020x2400	5500
DO0630SWD	630	504	690	552	104	3200x2020x2070	4750	E	5200x2020x2400	5750
DO0680SWD	680	544	750	600	109	3600x2020x2160	5070	F	6000x2180x2400 (1)	6550
DO0750SWD	750	600	825	660	119	3600x2020x2160	5320	F	6000x2180x2400 (1)	6800

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
DO0150SWD	DP086TA	132	147	TC	6L	8071	E	TAL044J	MXB 225 LB4	ECP34-2L/4
DO0200SWD	P086TI	172	194	TCA	6L	8071	E	TAL044M	MJB 250 LA4	ECO38-2S/4
DO0230SWD	DP086LA	196	219	TCA	6L	8071	E	TAL046C	MJB 250 LB4	ECO38-1L/4
DO0270SWD	P126TI	234	265	TCA	6L	11051	E	TAL046E	MJB 315 SA4	ECO38-2L/4
DO0300SWD	P126TI-II	258	287	TCA	6L	11051	E	TAL046F	MJB 315 SA4	ECO38-2L/4
DO0350SWD	DP126 LB	311	346	TCA	6L	11051	E	TAL046H	MJB 315 SB4	ECO38-3L/4
DO0400SWD	P158LE	349	400	TCA	8V	14618	E	TAL047A	MJB 315 MA4	ECO40-1S/4
DO0450SWD	DP158 LC	392	433	TCA	8V	14618	E	TAL047B	MJB 315 MB4	ECO40-2S/4
DO0500SWD	DP158 LD	448	494	TCA	8V	14618	E	TAL047C	MJB 355 SA4	ECO40-3S/4
DO0570SWD	DP 180 LA	486	536	TCA	10V	18273	E	TAL047E	MJB 355 SB4	ECO40-1.5L/4
DO0630SWD	DP180 LB	540	596	TCA	10V	18273	E	TAL047F	MJB 355 MA4	ECO40-2L/4
DO0680SWD	DP222 LB	580	640	TCA	12V	21927	E	TAL049B	MJB 355 MA4	ECO40-2L/4
DO0750SWD	DP222 LC	633	699	TCA	12V	21927	E	LSA 49.3 M8	MJB 355 MB4	ECO40-VL/4

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

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FPT POWERTRAIN TECHNOLOGIES

Transports

4x550 kW emergency power plant

Diesel Gensets with *FPT* engine

30 - 600 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
FI0030SWD	30	24	33	26,4	5	2150x1270x1270	720	A	2150x1270x1400	980
FI0045SWD	45	36	50	40	8	2150x1270x1450	820	B	2800x1270x1600	1150
FI0050SWD	50	40	55	44	9	2150x1270x1450	950	B	2800x1270x1600	1500
FI0080SWD	80	64	88	70,4	14	2150x1270x1450	1060	B	2800x1270x1600	1640
FI0120SWD	120	96	132	105,6	19	2600x1620x1650	1650	C	3600x1620x1950	2250
FI0170SWD	170	136	190	152	26	2600x1620x1700	1600	C	3600x1620x1950	2200
FI0200SWD	200	160	220	176	30	2600x1620x1700	1980	C	3600x1620x1950	2580
FI0250SWD	250	200	275	220	38	2750x1620x1830	2600	C	3600x1620x1950	3200
FI0300SWD	300	240	330	264	45	2750x1620x1830	2720	C	3600x1620x1950	3320
FI0350SWD	350	280	380	304	52	3200x2020x1870	3080	D	4800x2020x2400	3770
FI0400SWD	400	320	440	352	63	3200x2020x1870	3500	D	4800x2020x2400	4190
FI0430SWD	430	344	470	376	64	3200x2020x1850	3500	D	4800x2020x2400	4300
FI0500SWD	500	400	550	440	74	3200x2020x1850	3500	D	4800x2020x2400	4400
FI0600SWD	600	480	660	528	87	contact headquarters		E	5200x2020x2400	5920

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
FI0030SWD	M80313AM1	28,1	31	NA	3L	2900	M	TAL042C	MXB 180 SB4	ECP28-VL/4
FI0045SWD	N45AM1A	41,5	45,8	NA	4L	4500	M	TAL042F	MXB 180 MC4	ECP32-1M/4
FI0050SWD	N45AM2	45	49,7	NA	4L	4500	M	TAL042G	MXB 180 LA4	ECP32-1M/4
FI0080SWD	N45 SM3	73,3	81	TC	4L	4500	M	TAL044B	MXB 225 SB4	ECP32-4L/4
FI0120SWD	N45 TM3	107,2	118,2	TCA	4L	4500	M	TAL044E	MXB 225 MB4	ECP34-1L/4
FI0170SWD	N67 TM4	149	165	TCA	6L	6700	M	TAL044L	MJB 250 MB4	ECO38-1S/4
FI0200SWD	N67 TM7	176,5	194	TCA	6L	6700	M	TAL044M	MJB 250 LA4	ECO38-2S/4
FI0250SWD	N67TE8W	216	238,5	TCA	6L	6700	E	LSA 46.3 S5	MJB 250 LB4	ECO38-1L/4
FI0300SWD	C87TE4	275	299	TCA	6L	8700	E	TAL046F	MJB 315 SA4	ECO38-2L/4
FI0350SWD	C13 TE2A	300	330	TCA	6L	12880	E	TAL046H	MJB 315 SB4	ECO38-3L/4
FI0400SWD	C13 TE3A	352	387	TCA	6L	12880	E	TAL047A	MJB 315 MA4	ECO40-1S/4
FI0430SWD	C13TE6W	371	414	TCA	6L	12880	E	TAL047B	MJB 315 MB4	ECO40-2S/4
FI0500SWD	C13TE7W	425	459	TCA	6L	12880	E	TAL047C	MJB 355 SA4	ECO40-3S/4
FI0600SWD	CR16TE1W	505	557	TCA	6L	15900	E	TAL047E	MJB 355 MA4	ECO40-1.5L/4

Powered by:

MITSUBISHI MOTORS

Utilities

1,2 MW emergency operation

Diesel Gensets with ***Mitsubishi*** engine

770 - 2400 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
MI0770SWD	770	616	850	680	126	4000x1650x2200	6500	F	6000x2180x2400 (1)	7980
MI1000SWD	1000	800	1100	880	167	4300x2000x2400	9000	G	7000x2400x2700 (1)	11800
MI1280SWD	1280	1024	1400	1120	205	4320x2000x2250	9500	35'	10500x2435x2990 (1)	17300
MI1400SWD	1400	1120	1500	1200	211	4400x2000x2250	9650	35'	10500x2435x2990 (1)	17450
MI1750SWD	1750	1400	1920	1536	260	5100x2000x2250 (1)	12000	35'	10500x2435x2990 (1)	19000
MI1900SWD	1900	1520	2100	1680	298	5100x2000x2550 (1)	12530	35'	10500x2435x2990 (1)	19530
MI2000SWD	2000	1600	2200	1760	324	5635x2392x3315 (1)	14100	40'	12190x2435x2990 (1)	22900
MI2280SWD	2280	1824	2500	2000	370	contact headquarters				
MI2400SWD	2400	1920	2640	2112	370	contact headquarters				

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
MI0770SWD	S12A2-PTA	657	724	TCA	12V	33930	E	LSA 49.3 M8	MJB 355 MB4	ECO43-1S/4
MI1000SWD	S12H-PTA	890	980	TCA	12V	37110	E	TAL049E	MJB 400 MB4	ECO43-1M/4
MI1280SWD	S12R-PTA	1080	1190	TCA	12V	49030	E	LSA 50.2 L7	MJB 400 LB4	ECO43-2L/4
MI1400SWD	S12R-PTA2	1165	1285	TCA	12V	49030	E	LSA 50.2 L8	MJB 450 MB4	ECO43-VL/4
MI1750SWD	S16R-PTA	1480	1620	TCA	16V	65370	E	LSA 52.3 S5	MJB 450 LB4	ECO46-2S/4
MI1900SWD	S16R-PTA2	1630	1790	TCA	16V	65370	E	LSA 52.3 S6	MJB 500 SC4	ECO46-1L/4
MI2000SWD	S16R-F1PTAW2	1777	1947	TCA	16V	65370	E	LSA 52.3 S6	MJB 500 SC4	ECO46-1L/4
MI2280SWD	S16R2-PTAW	1899	2106	TCA	16V	79900	E	LSA 52.3 L9	MJB 500 LA4	ECO46-1.5L/4
MI2400SWD	S16R2-PTAW-E	1986	2193	TCA	16V	79900	E	LSA 52.3 L12	MJB 500 LA4	ECO46-2L/4

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

Powered by:

mtu

Oil & Gas Plant

5 MW continuos operation (desert environment)

Diesel Gensets with ***MTU*** engine

450 - 3300 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
MT0450SWD	450	360	500	400	72	3200x2020x2070	4400	D	4800x2020x2400	5300
MT0500SWD	500	400	550	440	75	3200x2020x2070	4460	D	4800x2020x2400	5340
MT0600SWD	600	480	660	528	91	3600x2020x2160	5600	E	5200x2020x2400	6600
MT0660SWD	660	528	720	576	99	3600x2020x2160	5800	E	5200x2020x2400	6800
MT0750SWD	750	600	825	660	111	3900x1450x2280	5700	F	6000x2180x2400 (1)	7200
MT0800SWD	800	640	880	704	117	3900x1450x2280	5700	F	6000x2180x2400 (1)	7200
MT0910SWD	910	728	1000	800	122	4250x1580x2350	7500	F	6000x2180x2400 (1)	8800
MT1000SWD	1000	800	1100	880	147	4500x1580x2320	7600	G	7000x2400x2700 (1)	10400
MT1140SWD	1140	912	1250	1000	165	4500x1580x2350	7700	30'	9125x2435x2990 (1)	13900
MT1250SWD	1250	1000	1375	1100	178	4600x1900x2530	8000	30'	9125x2435x2990 (1)	14000
MT1400SWD	1400	1120	1540	1232	228	4000x1680x2425 (1)	10100	35'	10500x2435x2990 (1)	17100
MT1650SWD	1650	1320	1800	1440	242	4150x1680x2425 (1)	12000	35'	10500x2435x2990 (1)	19000
MT1850SWD	1850	1480	2035	1628	270	4150x1680x2480 (1)	13200	35'	10500x2435x2990 (1)	20200
MT2100SWD	2100	1680	2310	1848	300	4800x1680x2570 (1)	13600	40'	12190x2435x2990 (1)	22400
MT2300SWD	2300	1840	2530	2024	332	4900x1680x2570 (1)	14300	40'	12190x2435x2990 (1)	23100
MT2550SWD	2550	2040	2800	2240	371	5380x1680x2860 (1)	16500	40'	12190x2435x2990 (1)	26000
MT2850SWD	2850	2280	3135	2508	426	5480x1680x2860 (1)	17000	40'	12190x2435x2990 (1)	25800
MT3000SWD	3000	2400	3300	2640	431	5480x1680x2860 (1)	17000	40'	12190x2435x2990 (1)	25800
MT3300SWD	3300	2640	3630	2904	472	5480x1680x2860 (1)	18000	40'	12190x2435x2990 (1)	26800

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
MT0450SWD	10V 1600 G10F	390	431	TCA	10V	17500	E	TAL047B	MJB 315 MB4	ECO40-2S/4
MT0500SWD	10V 1600 G20F	431	476	TCA	10V	17500	E	TAL047C	MJB 355 SA4	ECO40-3S/4
MT0600SWD	12V 1600 G10F	505	557	TCA	12V	21000	E	TAL047E	MJB 355 MA4	ECO40-1.5L/4
MT0660SWD	12V 1600 G20F	557	615	TCA	12V	21000	E	TAL047F	MJB 355 MA4	ECO40-2L/4
MT0750SWD	12V 2000 G16F	630	697	TCA	12V	26800	E	LSA 49.3 M8	MJB 355 MB4	ECO40-VL/4
MT0800SWD	12V 2000 G26F	674	745	TCA	12V	26800	E	LSA 49.3 M8	MJB 355 MB4	ECO43-1S/4
MT0910SWD	16V 2000 G16F	766	847	TCA	16V	35700	E	TAL049E	MJB 400 MA4	ECO43-2S/4
MT1000SWD	16V 2000 G26F	850	939	TCA	16V	35700	E	TAL049E	MJB 400 MB4	ECO43-1M/4
MT1140SWD	16V 2000 G36F	960	1060	TCA	16V	35700	E	LSA 50.2 M6	MJB 400 LA4	ECO43-2M/4
MT1250SWD	18V 2000 G26F	1057	1167	TCA	18V	40200	E	LSA 50.2 M6	MJB 400 LB4	ECO43-2L/4
MT1400SWD	12V 4000 G14RF	1205	1325	TCA	12V	57200	E	LSA 50.2 L8	MJB 450 MB4	ECO43-VL/4
MT1650SWD	12V 4000 G14F	1420	1562	TCA	12V	57200	E	LSA 52.3 S5	MJB 450 LA4	ECO46-1.5S/4
MT1850SWD	12V 4000 G24F	1575	1733	TCA	12V	57200	E	LSA 52.3 S6	MJB 450 LB4	ECO46-1L/4
MT2100SWD	16V 4000 G14F	1798	1978	TCA	16V	76300	E	LSA 52.3 S7	MJB 500 MB4	ECO46-1L/4
MT2300SWD	16V 4000 G24F	1965	2162	TCA	16V	76300	E	LSA 52.3 L9	MJB 500 LA4	ECO46-1.5L/4
MT2550SWD	20V 4000 G14F	2200	2420	TCA	20V	95400	E	LSA 53.2 M9	MJB 560 MA4	ECO46-VL/4
MT2850SWD	20V 4000 G24F	2420	2662	TCA	20V	95400	E	LSA 53.2 M9	MJB 560 LA4	not available
MT3000SWD	20V 4000 G34F	2590	2849	TCA	20V	95400	E	LSA 53.2 M12	MJB 630 MB4	not available
MT3300SWD	20V 4000 G44F	2807	3088	TCA	20V	95400	E	LSA 54.2 L14	MJB 630 LA4	not available

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

Powered by:

Perkins®

Data Center

5,8 MW stand-by operation (mission critical)

Diesel Gensets with ***Perkins*** engine

9 - 2300 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
PE0009SWD	9	7,2	10	8	2	2150x1270x1270	635	A	2150x1270x1400	935
PE0013SWD	13	10,4	14	11,2	3	2150x1270x1270	635	A	2150x1270x1400	935
PE0015SWD	15	12	16	12,8	3	2150x1270x1270	645	A	2150x1270x1400	945
PE0020SWD	20	16	21,5	17,2	4	2150x1270x1270	700	A	2150x1270x1400	1000
PE0030SWD	30	24	33	26,4	5	2150x1270x1350	710	A	2150x1270x1400	1010
PE0045SWD	45	36	50	40	8	2150x1270x1350	790	B	2800x1270x1600	1190
PE0060SWD	60	48	66	52,8	10	2150x1270x1350	920	B	2800x1270x1600	1320
PE0080SWD	80	64	88	70,4	14	2150x1270x1350	1050	B	2800x1270x1600	1450
PE0100SWD	100	80	110	88	17	2150x1270x1350	1210	B	2800x1270x1600	1730
PE0150SWD	150	120	165	132	25	2600x1620x1650	2200	C	3600x1620x1950	2800
PE0200SWD	200	160	220	176	35	2600x1620x1700	2110	C	3600x1620x1950	2710
PE0250SWD	250	200	275	220	42	2600x1620x1820	2440	C	3600x1620x1950	3040
PE0300SWD	300	240	330	264	48	2600x1620x1750	2560	C	3600x1620x1950	3160
PE0350SWD	350	280	380	304	54	3200x2020x1908	3600	D	4800x2020x2400	4500
PE0400SWD	400	320	440	352	62	3200x2020x1908	3740	D	4800x2020x2400	4640
PE0450SWD	450	360	500	400	73	3200x2020x2200	3680	D	4800x2020x2400	4580
PE0500SWD	500	400	550	440	81	3200x2020x2200	3680	D	4800x2020x2400	4580
PE0620SWD	620	496	680	544	90	3500x2020x2250	5000	E	5200x2020x2400	6000
PE0660SWD	660	528	720	576	97	3600x2020x2270	4620	E	5200x2020x2400 (1)	5620
PE0750SWD	750	600	825	660	121	3920x1980x2250	5300	F	6000x2180x2400 (1)	6780
PE0800SWD	800	640	880	704	130	3920x1980x2250	5700	F	6000x2180x2400 (1)	7180
PE1000SWD	1000	800	1100	880	160	4500x2045x2510	7500	30'	9125x2435x2990 (1)	14100
PE1250SWD	1250	1000	1375	1100	201	4680x1800x2300	11000	30'	9125x2435x2990 (1)	17600
PE1500SWD	1500	1200	1650	1320	227	4870x1800x2300	11000	35'	10500x2435x2990 (1)	17600
PE1900SWD	1900	1520	2090	1672	297	4800x1680x2570 (1)	13500	35'	10500x2435x2990 (1)	20500
PE2050SWD	2050	1640	2250	1800	316	4800x1680x2570 (1)	14000	40'	12190x2435x2990 (1)	22800
PE2300SWD	2300	1840	2530	2024	344	4900x1680x2570 (1)	14500	40'	12190x2435x2990 (1)	23300

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
PE0009SWD	403A-11G1	8,4	9,2	NA	3L	1131	M	not available	MXB 160 SA4	ECP3-1L/4
PE0013SWD	403A-15G1	12	13,2	NA	3L	1496	M	TAL040D	MXB 160 MA4	ECP3-2L/4
PE0015SWD	403A-15G2	13,84	15,24	NA	3L	1496	M	TAL040D	MXB 160 MA4	ECP3-3L/4
PE0020SWD	404A-22G1	18,4	20,3	NA	4L	2216	M	TAL040F	MXB 180 XA4	ECP-28-M/4
PE0030SWD	1103A-33G	27,7	30,4	NA	3L	3300	M	TAL042C	MXB 180 SB4	ECP28-VL/4
PE0045SWD	1103A-33TG1	41,3	45,6	TC	3L	3300	M	TAL042F	MXB 180 MC4	ECP32-1M/4
PE0060SWD	1103A-33TG2	53,8	59,3	TC	3L	3300	M	TAL042H	MXB 180 LB4	ECP32-2M/4
PE0080SWD	1104A-44 TG2	71,9	79,1	TC	4L	4400	M	TAL044B	MXB 225 SB4	ECP32-4L/4
PE0100SWD	1104C-44TAG2	89	97,9	TCA	4L	4400	E	TAL044D	MXB 225 MA4	ECP34-2S/4
PE0150SWD	1106A-70TAG2	131	144,1	TCA	6L	7000	E	TAL044J	MXB 225 LB4	ECP34-2L/4
PE0200SWD	1106A-70TAG4	173,9	191,3	TCA	6L	7000	E	TAL044M	MJB 250 LA4	ECO38-2S/4
PE0250SWD	1206A-E70TTAG3	217,2	238,2	TCA	6L	7000	E	LSA 46.3 S5	MJB 250 LB4	ECO38-1L/4
PE0300SWD	1506A-E88TAG5	267	293	TCA	6L	8800	E	TAL046F	MJB 315 SA4	ECO38-2L/4
PE0350SWD	2206A-E13TAG2	305	349	TCA	6L	12500	E	TAL046H	MJB 315 SB4	ECO38-3L/4
PE0400SWD	2206A-E13TAG3	349	392	TCA	6L	12500	E	TAL047A	MJB 315 MA4	ECO40-1S/4
PE0450SWD	2506C-E15TAG1	396	435	TCA	6L	15200	E	TAL047B	MJB 315 MB4	ECO40-2S/4
PE0500SWD	2506C-E15TAG2	435	478	TCA	6L	15200	E	TAL047C	MJB 355 SA4	ECO40-3S/4
PE0620SWD	2806A-E18TAG1A	522	574	TCA	6L	18100	E	TAL047F	MJB 355 MA4	ECO40-1.5L/4
PE0660SWD	2806A-E18TAG2	565	609	TCA	6L	18100	E	TAL047F	MJB 355 MA4	ECO40-2L/4
PE0750SWD	4006-23TAG2A	632	695	TCA	6L	22921	E	LSA 49.3 M8	MJB 355 MB4	ECO40-VL/4
PE0800SWD	4006-23TAG3A	679	760	TCA	6L	22921	E	LSA 49.3 M8	MJB 355 MB4	ECO43-1S/4
PE1000SWD	4008 TAG2A	861	947	TCA	8L	30561	E	TAL049E	MJB 400 MB4	ECO43-1M/4
PE1250SWD	4012-46 TWG2A	1055	1166	TCA	12V	45842	E	LSA 50.2 M6	MJB 400 LB4	ECO43-2L/4
PE1500SWD	4012-46 TAG2A	1267	1395	TCA	12V	45842	E	LSA 50.2 L8	MJB 450 MB4	ECO46-1S/4
PE1900SWD	4016-61 TRG1	1648	1774	TCA	16V	61123	E	LSA 52.3 S6	MJB 500 SC4	ECO46-1L/4
PE2050SWD	4016-61 TRG2	1774	1985	TCA	16V	61123	E	LSA 52.3 S7	MJB 500 MB4	ECO46-1L/4
PE2300SWD	4016-61 TRG3	1975	2183	TCA	16V	61123	E	LSA 52.3 L9	MJB 500 LA4	ECO46-1.5L/4

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

Powered by:

VOLVO PENTA

Utilities

500 kW stand-by operation (stainless steel container)

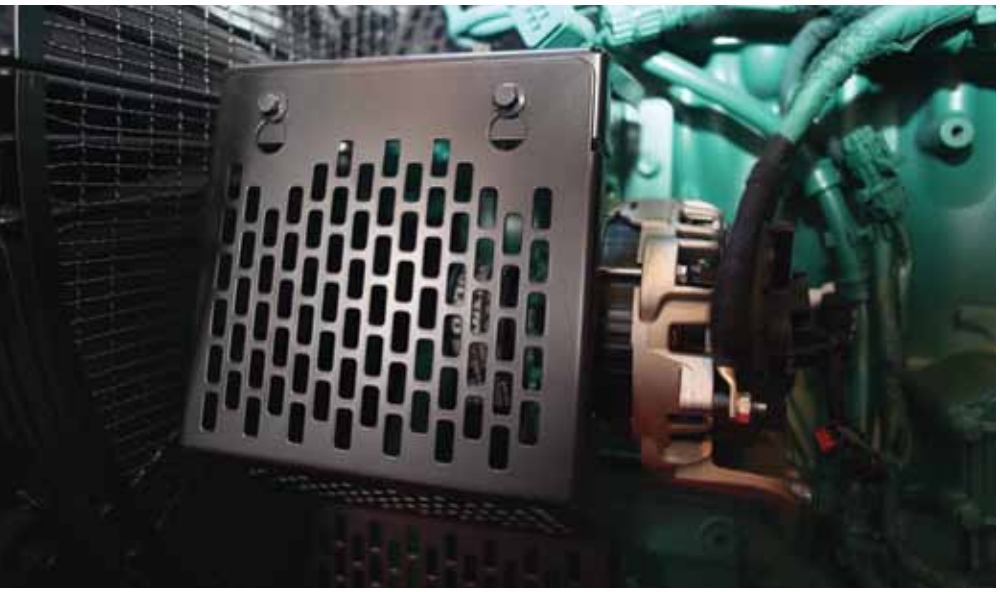
Diesel Gensets with ***Volvo Penta*** engine

85 - 700 kVA

Model	50 Hz - 1500 rpm - 400/230 V					Dimensions and weight				
	PRP		LTP		Fuel cons. PRP@75% l/h	Open on skidbase		Soundproofed Silent version		
	kVA	kW	kVA	kW		LxWxH mm	kg	Type	LxWxH mm	kg
VO0085SWD	85	68	93,5	74,8	14	2150x1270x1650	1150	B	2800x1270x1600	1550
VO0100SWD	100	80	110	88	17	2150x1270x1650	1230	B	2800x1270x1600	1820
VO0130SWD	130	104	143	114,4	21	2600x1620x1650	1610	C	3600x1620x1950	2210
VO0150SWD	150	120	165	132	25	2600x1620x1680	1680	C	3600x1620x1950	2280
VO0180SWD	180	144	200	160	30	2600x1620x1690	1990	C	3600x1620x1950	2590
VO0200SWD	200	160	220	176	33	2600x1620x1690	1990	C	3600x1620x1950	2590
VO0250SWD	250	200	275	220	42	2600x1620x1690	2200	C	3600x1620x1950	2800
VO0300SWD	300	240	330	264	45	3200x2020x1860	3170	D	4800x2020x2400	4070
VO0350SWD	350	280	380	304	52	3200x2020x1860	3260	D	4800x2020x2400	4160
VO0380SWD	380	304	415	332	56	3200x2020x1860	3400	D	4800x2020x2400	4300
VO0400SWD	400	320	440	352	61	3200x2020x1955	3500	D	4800x2020x2400	4400
VO0450SWD	450	360	500	400	69	3200x2020x2070	3710	D	4800x2020x2400	4610
VO0500SWD	500	400	550	440	75	3200x2020x2070	4260	D	4800x2020x2400	5160
VO0570SWD	570	456	625	500	86	3200x2020x2070	4560	D	4800x2020x2400	5460
VO0650SWD	650	520	715	572	90	3600x2020x2160	5550	E	5200x2020x2400	6550
VO0700SWD	700	560	770	616	100	3600x2020x2160	5650	E	5200x2020x2400	6650

Model	Diesel engine							Alternator		
	Type	PRP kW	LTP kW	Asp.	Cyl.	Displ.	Gov.	Leroy Somer	Marelli	Mecc Alte
VO0085SWD	TAD 530 GE	74	83	TCA	4L	4760	M	TAL044C	MXB 225 SB4	ECP34-1S/4
VO0100SWD	TAD 531 GE	88	98	TCA	4L	4760	M	TAL044D	MXB 225 MA4	ECP34-2S/4
VO0130SWD	TAD 532 GE	112	125	TCA	4L	4760	E	TAL044H	MXB 225 LA4	ECP34-1L/4
VO0150SWD	TAD 731 GE	133	148	TCA	6L	7150	M	TAL044J	MXB 225 LB4	ECP34-2L/4
VO0180SWD	TAD 732 GE	158	176	TCA	6L	7150	E	TAL044L	MJB 250 MB4	ECO38-1S/4
VO0200SWD	TAD 733 GE	175	195	TCA	6L	7150	E	TAL044M	MJB 250 LA4	ECO38-2S/4
VO0250SWD	TAD 734 GE	213	238	TCA	6L	7150	E	LSA 46.3 S5	MJB 250 LB4	ECO38-1L/4
VO0300SWD	TAD 1341 GE	271	298	TCA	6L	12780	E	TAL046F	MJB 315 SA4	ECO38-2L/4
VO0350SWD	TAD 1342 GE	303	333	TCA	6L	12780	E	TAL046H	MJB 315 SB4	ECO38-3L/4
VO0380SWD	TAD 1343 GE	325	356	TCA	6L	12780	E	TAL047A	MJB 315 MA4	ECO40-1S/4
VO0400SWD	TAD 1344 GE	354	389	TCA	6L	12780	E	TAL047A	MJB 315 MA4	ECO40-1S/4
VO0450SWD	TAD 1345 GE	388	431	TCA	6L	12780	E	TAL047B	MJB 315 MB4	ECO40-2S/4
VO0500SWD	TAD 1641 GE	430	473	TCA	6L	16120	E	TAL047C	MJB 355 SA4	ECO40-3S/4
VO0570SWD	TAD 1642 GE	485	536	TCA	6L	16120	E	TAL047E	MJB 355 SB4	ECO40-1.5L/4
VO0650SWD	TWD 1644 GE	554	609	TCA	6L	16120	E	TAL047F	MJB 355 MA4	ECO40-2L/4
VO0700SWD	TWD 1645 GE	595	655	TCA	6L	16120	E	TAL049B	MJB 355 MB4	ECO40-VL/4


Perkins




HUSQVA

Equipment

Equipment for generating set on skidbase	Standard & Optional
Engine	
Diesel engine, 4 strokes, water-cooled (oil cooled for Deutz from 12,5 to 40 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	●
Tropicalized radiator mounted on skidbase	□
Remote radiator	□
Coolant preheating system (standard only for automatic genset)	●
First fill coolant	□
Exhaust	
Industrial muffler (noise reduction 15 dB), supplied loose	●
Residential muffler (noise reduction 35/40 dB), supplied loose (for open set only)	□
Blunt terminal for residential muffler	□
Bend pipe with antirain cap for residential muffler	□
Gas exhaust expansion joint in stainless steel	●
Protection for hot parts	□
Lubrication system	
Oil sump drainage system	□
Oil level control with 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 type batteries with cables and tray	●
Sealed lead type batteries with cable and tray	□
Removable lifting devices	●
Tools kit	□
Special tools	□
Electrical diagrams	●
Operation & maintenance manual (electronic format)	●

● = Standard □ = Optional

Control Panels

With over 85 years of experience in designing and manufacturing advanced control systems for generator sets, Ausonia offers a complete range of panels and controllers for its portfolio of diesel and gas generators.

Equipped with logic controllers manufactured by well-known brands worldwide, the Ausonia control panels can be delivered for Manual, Automatic and Parallel operation, depending on the kind of application they will be used for.
Power and control protections are always available, to preserve the generating sets from electric damages which might occur downstream the power line.
Additionally, the control panels can be also equipped with Automatic Transfer Switches, offered both as built-in or separated configuration, depending on gensets capacity and type.
Different degrees of IP protection are available, in order to satisfy the needs of every Customer.

Special customizations with specific gauges, indicators, meters and switches can be provided on demand.

Technical features	Manual	Automatic	Parallel
Gauges on display			
Mains voltmeter (R S T line voltages and phase voltage)	x	●	□
Mains frequency meter	x	●	●
GS voltmeter (U V W line voltage and phase voltage)	●	●	●
Ammeter on three phases (U V W)	●	●	●
GS frequency meter	●	●	●
Tachometer	□	□	●
Hours counter	●	●	●
Start counter	x	●	●
Power factor meter	●	●	●
Wattmeter	●	●	●
GS kVAr	●	●	●
GS apparent power	●	●	●
GS kWh	●	●	●
Battery voltmeter	●	●	●
Led / display indication			
Changeover state indication	x	●	●
Active alarm/s	●	●	●
Engine running	●	●	●
Voltage/frequency GS within nominal value	●	●	●
Voltage/frequency Mains within nominal value	x	●	□
Electric feeding ON and electronic card OK	●	●	●
Operation modes	x	●	●
Protections			
GS low/high voltage (27/59)	●	●	●
GS 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	●
GS overload (kW)	x	●	●
Alternator overcurrent (51)	●	●	●
Short-circuit current (50)	x	●	●
Starting failure	●	●	●
Stop failure	●	●	●

● = Standard □ = Optional x = Not available

Technical features	Manual	Automatic	Parallel
Protections			
Emergency stop	●	●	●
Phase sequence error (47)	●	●	●
Genset contactors opening/closing failure	x	□	●
Mains contactors 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 lack of fuel	□	●	●
High oil temperature	□	□	□
Warning/shutdown for low water radiator	□	□	□
Alarm/stop for low fuel level	□	●	●
Alarm/stop for broken belt	□	□	□
Battery charger failure alarm	x	□	□
Other features and visualization on display			
Engine preheating timer	x	●	●
Mains lack/return timer	x	●	□
Engine cooling cycle timer	x	●	●
Changeover exchange timer	x	●	●
Mains voltage and frequency inferior/superior limit	x	●	●
Messages in language	●	●	●
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	□	●	●
Stop operation mode by key push-button	□	□	●
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 temperature with alarm visualization	□	□	□
Remote management by RS485 ModBus RTU	□	●	□
Remote management by 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 electronic card failure	●	●	●
Fuel presence sensor in drip leaks tray	□	□	□
Battery charger ammeter	x	□	□
Refueling card	□	□	□
Earth leakage protection 64/S	□	□	□
Differential protection 87G	x	x	□
Programmable timer for test	□	□	□
Automatic switch for auxiliary circuits	□	□	□
Free contacts	□ (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	□

● = Standard □ = Optional x = Not available

Soundproofing Solutions

Canopy

Specifically designed for its range of generators, Ausonia can offer to its Customers both standard and customized acoustic enclosures, in order to meet different noise levels requirements and sustain specific environmetal conditions.
The canopy is able to house the genset and all its accessories, including the automatic control and monitoring panel.
Suitable for indoor/outdoor installation, Ausonia canopies are built from press-bent modular elements and panels made of electro-galvanized metal sheet. This process allows to apply paint coating on each part before the assembly, significantly reducing the risks of oxidation and even providing robustness and rigidity to the entire structure.
The modularity of the elements also allows easiness in performing maintenance activity, as panels can be detatched to facilitate inspection and servicing.
The soundproofing effect of the canopy is obtained by special high-density panels with excellent performances.

Technical features	Standard & Optional
Highly corrosion proof	●
Electrogalvanized steel structure with modular components	●
Stainless steel bolts and rivets	●
Drip leaks tray	□
Galvanized steel rain proof louvers with fixed wings	●
Galvanized steel rainproof louvers with motorized wings	□
AISI 304 or 316 structure and external walls	□
Anti-animal protection grid (air intake)	●
Solution for artic or desert environment	□
Different soundproofing levels	□
Gas exhaust silencer, residential type	●
Gas exhaust rain protection cap	●
Rain gutter above doors	□
Lifting devices applied on skidbase	●
Lifting eyebolts applied on the roof	□
Internal lighting and switches/sockets following IEC rules	□
Doors with yale-type key	●
Porthole for parameters reading on the electric control panel display	□
Easy access to power connection	●
Emergency stop push-button	●
Auxiliary circuits breakers in external box with breakable glass	□
Fire valve with rollaway external command device in box with breakable glass	□
Fire extinguisher	□
Automatic fire-fighting system	□

● = Standard □ = Optional

Container

Developed for installations where time, space and budget do not allow for a dedicated generator room, Ausonia gensets installed in soundproof containers are available in different configurations and dimensions, based on gensets type and kind of applications.
Capable of housing the generator and all relative accessories, the containers made by Ausonia can achieve ultra-low noise levels, suitable for critical noise installations, including hospitals, city centers and residential areas.

The soundproofing of the container is achieved through sound trap screens, made with appropriately protected rock wool panels.
All the air inlets and outlets are equipped with rain-shielding shutters protected by galvanized grid to prevent animals from entering.
Whenever required, Ausonia containers having ISO box containers dimensions can be also certified for intermodal and marine transportation.

Technical features	Standard & Optional
External waterborne painting	●
Highly corrosion proof	●
Carbon steel sheet structure	●
External surface in galvanized steel	●
Galvanized steel rain proof louvers with fixed wings	●
Galvanized steel rain proof louvers with motorized wings	□
AISI 304 or 316 structure and external walls	□
Anti-animal protection grid (air intake)	●
Electrofans for DG room cooling	□
Solution for artic or desert environment	□
Different soundproofing levels	□
Gas exhaust silencer, residential type	●
Gas exhaust rain protection cap	●
Rain gutters above doors	□
Class A1 fire reaction insulation material	●
EI 60/90/120 certified	□
Internal lighting and switches/sockets following IEC rules	●
Access doors	●
Lock with internal release device	●
Porthole for parameters reading on the electric control panel display	●
Easy access to power connection	●
Emergency stop push-button in external box with breakable glass	●
Auxiliary circuits breaker in external box with breakable glass	●
Fire valve with rollaway external command device in box with breakable glass	●
Fire extinguisher	□
Automatic fire-fighting system	□

● = Standard □ = Optional

Services

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 Customer's requirements in details 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 his Customers and since many years it's recognized as one of the most respected companies in the power business worldwide.

Being active in providing **"Energy as a Service"** for 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 safety and environmental existing regulations, being an undisputed leader for energy services in Italy and in other countries.

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AUSO DGS 50 (EN) Rev. 2 Ed. 05/19