SDMO®

POWER PRODUCTS

50Hz

7,5kVA -550kVA

ENGLISH

PPR50/GB-2004/1

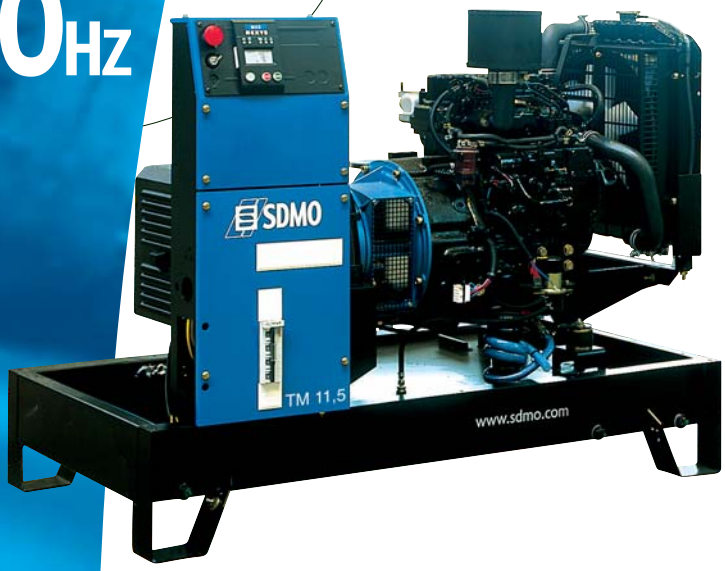
Global Power Solution™

POWER PRODUCTS

50Hz

SDMO® Power Products from 7,5 kVA to 22 kVA

PACIFIC
TM 11,5 K



PACIFIC
TM 20 K

3–PHASE GENSETS

GENERAL SPECIFICATIONS — PACIFIC

Range	Type of genset	Genset specifications 400/230 V(1)						Engine specifications						Alternator		Compact Version(4)		
		kVA Cos φ 0,8		kWe ISO 8528*		Engine												
		PRP(6)	ESP(7)	PRP(6)	ESP(7)	kWm net(2)	Consump. 75% load (L/h)	Engine type	Cyl.	Bore (mm)	Stroke (mm)	Cyl. (L)	TA Luft(3)	Brand	Type	Dimensions L x w x h (m)	Weight(5) (kg)	Tank (L)
3000 rpm	TN 15 SK	-	15	-	12	13,5	4,2	L3E.SDH	3L	76	70	0,95	●	SO	FT2 MBS	1,41x0,72x1,03	294	50
	TN 20 SK	-	20	-	16	19	5,5	S3L2.SDH	3L	78	92	1,3	●	MA	ECO3-2L	1,41x0,72x1,05	386	50
	TN 27 SK	-	27	-	21,6	22	6,3	S4L2.SDH	4L	78	92	1,8	●	MA	ECO28-2L	1,41x0,72x1,10	460	50
1500 rpm	TM 7,5 K	6,8	7,5	5,5	6	6,7	1,7	L3E.SD	3L	76	70	1,0	●	MA	ECO3-2S	1,41x0,72x1,03	307	50
	TM 11,5 K	10,5	11,5	8,4	9,2	15,1	2,5	S3L2.SD	3L	78	92	1,3	●	MA	ECO3-1L	1,41x0,72x1,05	387	50
	TM 16 K	14,5	16	11,6	12,8	15,1	3,4	S4L2.SD	4L	78	92	1,8	●	MA	ECO28S	1,41x0,72x1,05	427	50
	TM 20 K	20	22	16	17,6	21,7	4,7	S4Q2.SD	4L	88	103	2,5	●	MA	ECO28-1L	1,43x0,78x1,06	530	50

1–PHASE GENSETS

GENERAL SPECIFICATIONS — PACIFIC

Range	Type of genset	Genset specifications 230 V(1)				Engine specifications						Alternator		Compact Version(4)		
		Range		Moteur												
		PRP(6)	ESP(7)	kWm net(2)	Consump. 75% load (L/h)	Type moteur	Cyl.	Alésage (mm)	Course (mm)	Cyl. (L)	TA Luft(3)	Marque	Type	Dimensions L x l x h (m)	Poids(5) (kg)	Réservoir (L)
3000 tr/mn	TN 15 SKM	-	11,5	13,5	4,2	L3E.SDH	3L	76	70	1,0	●	MA	ECO3-2L	1,41x0,72x1,03	318	50
1500 tr/mn	TM 7,5 KM	5	5,5	6,7	1,7	L3E.SD	3L	76	70	1,0	●	MA	ECO3-2S	1,41x0,72x1,03	307	50
	TM 11,5 KM	7,8	8,6	10,3	2,5	S3L2.SD	3L	78	92	1,3	●	MA	ECO28S	1,41x0,72x1,05	417	50
	TM 16 KM	11	12,1	15,1	3,4	S4L2.SD	4L	78	92	1,8	●	MA	ECO28-1L	1,41x0,72x1,05	450	50
	TM 20 KM	15,6	17,2	21,7	4,7	S4Q2.SD	4L	88	103	2,5	●	MA	ECO28VL	1,43x0,78x1,06	500	100

(1) Available in the following voltages : 415/240 V - 400/230 V - 380/220 V - 240 V - 230 V - 220 V - 220/127 V - 200/115 V - 240/120 V - 230/115 V - 220/110 V (2) Prime Power (PRP)
(3) Generating sets equipped with TA LUFT certified engines (Nox<4000 mg/Nm³, CO<650 mg/Nm³, HC<150 mg/Nm³, PM<130 mg/Nm³) (4) The dimensions and weights are given for a defined generator according to the price list excluding options. Version with canopy, see page 10 (5) Dry weight, without fuel (6) PRP : Prime Power - Continuous duty 24/24h under variable load - overload acceptable 1h/12h (ISO 8528 PRP)
(7) ESP : Standby Power - Standby duty - Operation under variable load 500h/year without overload
*ISO 8528 : Powers expressed in acordance with prevailing legislation.

● Standard

SDMO® Power Products from 30 kVA to 200 kVA

POWER PRODUCTS

50Hz

JOHN DEERE

MONTANA JM 30

TELYS control panel optional

MONTANA JS 200 K

3–PHASE GENSETS

GENERAL SPECIFICATIONS — MONTANA

Type of genset	Genset specifications 400/230 V(1)						Engine specifications						Alternator		Compact Version(4)		
	kVA Cos φ 0,8		kWe ISO 8528*		Engine												
	PRP(6)	ESP(7)	PRP(6)	ESP(7)	kWm net(2)	Consump. 75% load (L/h)	Engine type	Cyl.	Bore (mm)	Stroke (mm)	Cyl. (L)	TA Luft(3)	Brand	Type	Dimensions L x w x h (m)	Weight(5) (kg)	Tank (L)
JM 30	30	33	24	26	30,5	5,2	3029 DF 120	3L	106	110	2,9	X	MA	ECO 28 VL	1,48x0,78x1,18	710	100
JM 40 K	40	44	32	35	36,4	8,4	3029 TF 120	3L	106	110	2,9	●	MA	ECO 32-3S	1,52x0,78x1,18	780	100
JS 60 K	60	66	48	53	61	12	4045 TF 120	4L	106	127	4,5	●	LS	432 M45	1,87x0,99x1,36	1090	180
JS 70 K	70	77	56	62	61	12	4045 TF 120	4L	106	127	4,5	●	LS	432 L8	1,87x0,99x1,36	1110	180
JS 80 K	80	88	64	70	73	14	4045 TF 220	4L	106	127	4,5	●	LS	432 L8	1,87x0,99x1,36	1110	180
JS 100 K	100	110	80	88	88	16,5	4045 HF 120	4L	106	127	4,5	●	LS	442 VS45	1,95x1,08x1,33	1290	190
JS 120 K	120	132	96	106	106	18,5	6068 TF 220	6L	106	127	6,7	●	LS	442 S7	2,37x1,11x1,48	1570	340
JS 150 K	150	165	120	132	136	25	6068 HF 120	6L	106	127	6,7	●	LS	442 M95	2,37x1,11x1,48	1700	340
JS 180 K	180	198	144	158	163	34,5	6068 HF 120	6L	106	127	6,7	●	LS	462 M3	2,37x1,11x1,48	1730	340
JS 200 K	200	220	160	176	185	32,6	6068 HF 475	6L	106	127	6,7	●	LS	462 M5	2,37x1,11x1,48	1790	340
JS 275 K	275	303	220	242	237	42,6	6068 HF 001	6L	116	129	8,1	●	LS	462 L9	2,90x1,30x1,68	2235	390
JS 350 K(8)	365	402	292	321	373	49,4	6125 HF 070	6L	127	165	12,5	●	LS	472 VS2	3,16x1,34x1,74	3040	470
JS 400K(8)	400	440	320	352	373	53,2	6125 HF 070	6L	127	165	12,5	●	LS	472 VS3	3,16x1,34x1,74	3040	470

(1) Available in the following voltages : 415/240 V - 400/230 V - 380/220 V - 220/127 V - 200/115 V - 240/120 V - 230/115 V - 220/110 V (2) Prime Power (PRP) (3) Generating sets equipped with TA LUFT certified engines (Nox<4000 mg/Nm³, CO<650 mg/Nm³, HC<150 mg/Nm³, PM<130 mg/Nm³) (4) The dimensions and weights are given for a defined generator according to the price list excluding options. Version with canopy, see page 10 (5) Dry weight, without fuel (6) PRP: Prime Power - Continuous duty 24/24h under variable load - overload acceptable 1h/12h (ISO 8528 PRP) (7) ESP: Standby Power - Standby duty - Operation under variable load 500h/year without overload (8) Available from 1st July 2004

* ISO 8528 : Powers expressed in accordance with prevailing legislation.

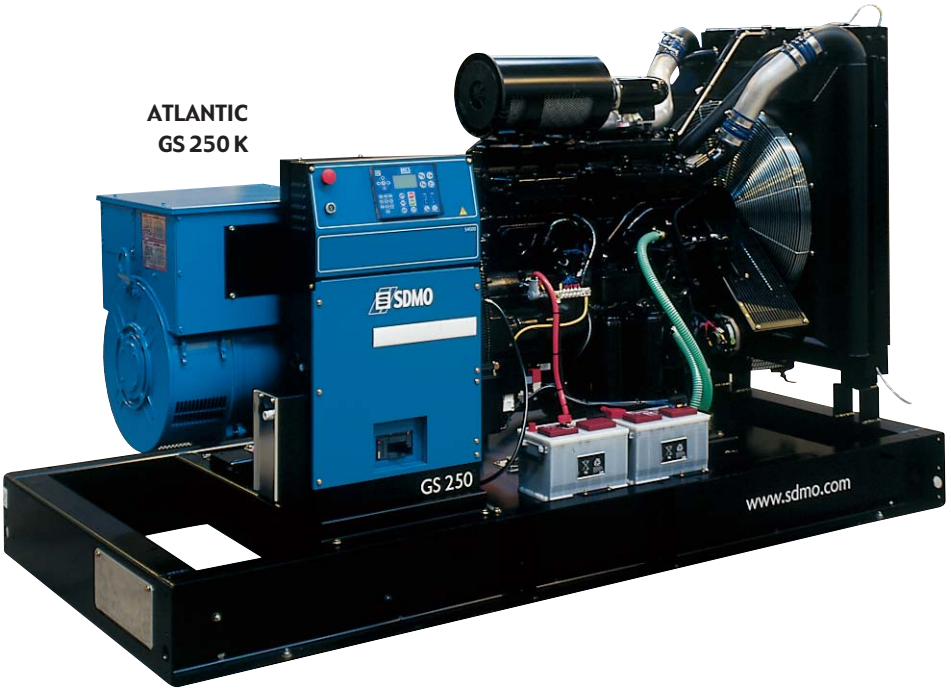
● Standard X Impossible

POWER PRODUCTS

50Hz

VOLVO PENTA

SDMO® Power Products from 200 kVA to 550 kVA



ATLANTIC GS 250 K

ATLANTIC GS 400 K

3-PHASE GENSETS

GENERAL SPECIFICATIONS — ATLANTIC

Type of genset	Genset specifications 400/230 V(1)						Engine specifications						Alternator		Compact Version(4)		
	kVA Cos φ 0,8		kWe ISO 8528*		Engine												
	PRP(6)	ESP(7)	PRP(6)	ESP(7)	kWm net(2)	Consump. 75% load (L/h)	Engine type	Cyl.	Bore (mm)	Stroke (mm)	Cyl. (L)	TA Luft(3)	Brand	Type	Dimensions L x w x h (m)	Weight(5) (kg)	Tank (L)
GS 200 K	200	220	160	176	178	31,8	TWD 740 GE	6L	107	135	7,3	●	LS	462 M5	2,55x1,30x1,59	2090	390
GS 250 K	250	275	200	220	217	37,5	TAD 740 GE	6L	107	135	7,3	●	LS	462 L6	2,90x1,30x1,69	2250	390
GS 300 K**	300	330	240	264	266	46,6	TAD 1032 GE	6L	121	140	9,6	●	LS	462 VL12	3,16x1,34x1,76	2850	470
GS 375 K	375	413	300	330	323	55	TAD 1241 GE	6L	131	150	12,1	●	LS	472 VS3	3,16x1,34x1,81	3190	470
GS 400 K	400	440	320	352	352	59,5	TAD 1242 GE	6L	131	150	12,1	●	LS	472 VS3	3,16x1,34x1,81	3238	470
GS 450 K	450	495	360	396	398	70,8	TAD 1630 GE	6L	144	165	16,1	●	LS	472 S5	3,47x1,50x1,98	3508	500
GS 500 K	500	550	400	440	430	76,9	TAD 1631 GE	6L	144	165	16,1	●	LS	472 M7	3,47x1,50x1,98	3646	500

(1) Available in the following voltages : 415/240 V - 400/230 V - 380/220 V - 200/115 V - 240/120 V - 230/115 V - 220/110 V (2) Prime Power (PRP) (3) Generating sets equipped with TA LUFT certified engines (Nox<4000 mg/Nm³, CO<650 mg/Nm³, HC<150 mg/Nm³, PM<130 mg/Nm³) (4) The dimensions and weights are given for a defined generator according to the price list excluding options. Version with canopy, see page 10 (5) Dry weight, without fuel (6) PRP : Prime Power - Continuous duty 24/24h under variable load - overload acceptable 1h/12h (ISO 8528 PRP) (7) ESP : Standby Power - Standby duty - Operation under variable load 500h/year without overload

* ISO 8528 : Power expressed in accordance with prevailing legislation. ** The TAD 1032 GE shall be replaced by the TAD 941 GE during the 4th quarter of 2004

● Standard

POWER PRODUCTS

50Hz

GM GENERAL MOTORS

GAS-POWERED GENERATING SETS

SDMO® Industries are offering a series of sets from 25 to 110 kVA, equipped with gas engines.
Tuned to run when they leave the factory on natural gas, each set has the LPG tuning option.
The combustion of gas (natural or LPG) permits a significant reduction in vibrations and consequently in the sound volume of the engines : the noise level is halved compared with a diesel engine.
Of all the fuels, natural gas and LPG are those which emit least nitrogen oxides, so emissions of carbon monoxide and particles are very limited.
From all the tests carried out to date on these new gas engines we note a very good pick-up capability, all the more so when LPG is used.

NEVADA KM 25 G

NEVADA KS 60 G

TELYS control panel optional

3-PHASE GENSETS

GENERAL SPECIFICATIONS — NEVADA

Range	Type of genset	Genset specifications 400/230 V(1)						Engine specifications					Alternator		Compact Version(4)	
		kVA(2) Cos φ 0,8		kWe(2) ISO 8528*		Engine										
		PRP(5)	ESP(6)	PRP(5)	ESP(6)	kWm net(3)	Consump. 75% load (m³/h)	Engine type	Cyl.	Bore (mm)	Stroke (mm)	Cyl. (L)	Brand	Type	Dimensions L x w x h (m)	Weight (kg)
1500 tr/mn	KM 25 G	25	28	20	22	24,4	5,66	GMC 430	4L	102	91	3,0	MA	ECO 28 VL	1,72x0,90x1,17	572
	KM 40 G	40	44	32	35	34,5	8,32	GMC 643	6V	102	88	4,3	MA	ECO 32-3 S	1,87x0,99x1,16	585
	KS 60 G	55	61	44	48	51,5	12,57	GMC 857	8V	102	88	5,7	LS	432 M45	1,95x1,08x1,24	810
	KS 85 G	85	94	68	75	91	20,97	GMC 874 T	8V	108	102	7,4	LS	442 VS45	1,95x1,08x1,40	1060
	KS 100 G	100	110	80	88	111	24,66	GMC 881	8V	108	111	8,1	LS	442 VS45	1,95x1,08x1,40	1060

1-PHASE GENSETS

GENERAL SPECIFICATIONS — NEVADA

Range	Type of genset	Genset specifications 230 V(1)				Engine specifications					Alternator		Compact Version(4)	
		kWe(2) ISO 8528*		Engine										
		PRP(5)	ESP(6)	kWm net(3)	Consump. 75% load (m³/h)	Engine type	Cyl.	Bore (mm)	Stroke (mm)	Cyl. (L)	Brand	Type	Dimensions L x w x h (m)	Weight (kg)
1500 tr/mn	KM 25 GM	20	22	24,4	5,66	GMC 430	4L	101,6	91,44	3,0	MA	ECO 32-3 S	1,72x0,90x1,17	636

(1) Available in the following voltages : 415/240 V - 400/230 V - 380/220 V - 220/127 V - 200/115 V (except KM 25) - 240/120 V - 230/115 V - 220/110 V - 240 V - 230 V - 220 V (2) The power outputs are given for an engine tuned to run on natural gas (3) Prime Power (4) The dimensions and weights are given for a defined generator according to the price list excluding options. Version with canopy, see page 10 (5) PRP : Prime Power - Continuous duty 24/24h under variable load - overload acceptable 1h/12h (ISO 8528 PRP) (6) ESP : Standby Power - Standby duty - Operation under variable load 500h/year without overload
* ISO 8528 : Powers expressed in accordance with prevailing legislation.