



# DEUTZ POWER SOLUTIONS.

Product Overview.

The engine company.

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DEUTZ POWER SOLUTIONS.

Our complete ‘made by DEUTZ’ gensets are designed precisely to meet market requirements, combining top OEM quality at reasonable overall cost.

Complete power generator sets that are manufactured and tested by Deutz. Customers can be assured of its quality, performance & reliability. The Standard DPS package includes various features and allows customization to meet any application requirements.



The new range of DEUTZ POWER SOLUTIONS from 13 to 500 kVA.

DPS STANDARD PACKAGE	
<ul style="list-style-type: none"><li>▪ Integral fuel storage tank in the base frame with flexible suction pipes to the engine</li><li>▪ Rubber mountings</li><li>▪ Manual starting system</li><li>▪ Engine monitoring with<ul style="list-style-type: none"><li>- Shut down at low oil</li><li>- Engines high temperature</li><li>- Cracked v-belt (only with air-cooled engines)</li></ul></li><li>▪ Frequency indicator</li><li>▪ Generator protection 3 poles</li></ul>	<ul style="list-style-type: none"><li>▪ Voltage indicator</li><li>▪ Ampere indicator</li><li>▪ Operating hour meter</li><li>▪ Visual alarm display at any malfunction</li><li>▪ Visual display on low fuel</li><li>▪ Muffler</li><li>▪ Battery 12/24 V</li><li>▪ Operation manual for the engine, generator, switch board (D/GB/F)</li></ul>
DPS OPTIONS	
<ul style="list-style-type: none"><li>▪ Automatics for emergency power</li><li>▪ Display for battery charging, oil pressure, engine temperature, fuel tank content, generator protection 4 poles</li><li>▪ V-belt protection</li></ul>	<ul style="list-style-type: none"><li>▪ Acoustic alarm indicator</li><li>▪ Pre-heating system</li><li>▪ Large fuel storage tank (1.000–2.000l)</li><li>▪ Automatic tank filling system</li><li>▪ Chassis with service brake and lighting</li></ul>

TECHNICAL DATA.

AIR-COOLED ENGINES – 50 HZ

GENSET MODEL		DPS 13	DPS 20	DPS 30	DPS 40	DPS 45	DPS 65	DPS 105	DPS 135
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rated apparent power (PRP), 3 phases	<i>kVA</i>	13	21	30	40	43	63	106	134
Rated apparent power (LTP), 3 phases	<i>kVA</i>	14	22	32	42	46	66	111	141
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	19,80	31,79	45,94	60,84	65,41	95,92	160,53	203,27

Engine									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F2L2011	F3L2011	F4L2011	BF4L2011	F4L914	F6L914	BF6L914	BF6L914C
Rated PRP gross power	<i>kW</i>	12,1	19,1	27,8	36,6	39,5	56,9	93,4	116,8
Rated LTP gross power	<i>kW</i>	12,7	20,1	29,1	38,4	41,5	59,7	98,1	122,6
Speed governing		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	electronical
Number of cylinders		2	3	4	4	4	6	6	6
Engine configuration		IL	IL	IL	IL	IL	IL	IL	IL
Displacement	<i>ltr</i>	1,55	2,33	3,11	3,11	3,11	4,04	4,76	4,76
Bore/Stroke	<i>mm</i>	94/112	94/112	94/112	94/112	102/132	102/132	102/132	102/132
Electrical equipment	<i>V/dc</i>	12	12	12	12	12	12	12	12

Generator									
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECP3 2L4	ECP28 M4A	ECP28 VL4A	ECP32 3S4B	ECP32 1M4B	ECP32 2M4B	ECP34 2S4A	ECP34 1L4A
Generator efficiency	%	87,0	88,0	88,0	88,4	89,0	90,0	92,0	93,0

Consumption									
Fuel (75% of charge)	<i>l/h</i>	2,4	3,4	4,9	6,7	7,0	10,1	16,6	21,7

Weight and dimensions									
Gensets open frame	<i>kg</i>	370	430	560	610	620	860	1010	1200
Length	<i>mm</i>	1300	1300	1500	1500	1500	2000	2000	2000
Width	<i>mm</i>	680	680	830	830	830	950	950	950
Height	<i>mm</i>	1300	1300	1300	1300	1450	1450	1800	1800
Fuel tank capacity	<i>ltr</i>	35	35	75	75	75	105	105	105

LIQUID-COOLED ENGINES – 50 HZ

GENSET MODEL		DPS 13	DPS 20	DPS 30	DPS 40	DPS 60	DPS 75	DPS 105	DPS 135	DPS 160
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/231
Rated apparent power (PRP), 3 phases	<i>kVA</i>	13	22	32	42	60	75	105	130	162
Rated apparent power (LTP), 3 phases	<i>kVA</i>	14	23	33	44	66	79	111	144	170
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	19,80	33,38	47,69	64,19	91,48	113,80	159,70	208,31	245,46

Engine										
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F2M2011	F3M2011	F4M2011	BF4M2011	BF4M2011C	BF4M2012C	BF4M1013EC	BF4M1013FC	BF6M1013EC
Rated PRP gross power	<i>kW</i>	12,4	20,4	29,4	39,2	56,1	71,0	97,0	117,0	146,0
Rated LTP gross power	<i>kW</i>	13,0	21,4	30,4	41,2	59,0	75,0	102,0	129,0	153,0
Cooling system		Oil	Oil	Oil	Oil	Oil	Water	Water	Water	Water
Speed governing		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	electronical	mechanical
Number of cylinders		2	3	4	4	4	4	4	4	6
Engine configuration		IL	IL	IL	IL	IL	IL	IL	IL	IL
Displacement	<i>ltr</i>	1,55	2,33	3,11	3,11	3,11	4,04	4,76	4,76	7,14
Bore/Stroke	<i>mm</i>	94/112	94/112	94/112	94/112	102/132	102/126	108/130	108/130	108/130
Electrical equipment	<i>V/dc</i>	12	12	12	12	12	12	12	12	12

Generator										
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECP3-2L4	ECP28-M4A	ECP28 VL4A	ECP32 3S4B	ECP32 1M4B	ECP32 3L4B	ECP34 2S4A	ECP34 1L4A	ECP34 3L4A
Generator efficiency	%	87,0	88,0	88,0	88,4	89,0	90,0	92,0	93,0	93,2

Consumption										
Fuel (75% of charge)	<i>l/h</i>	2,4	3,4	4,9	6,8	9,3	13,0	14,5	18,3	24,7

Noise Level										
dbA by 100% of charge at 7m	<i>dbA</i>	67	67	67	67	67	67	67	67	67

Weight and dimensions										
Gensets open frame	<i>kg</i>	380	440	570	620	790	800	1100	1200	1450
Length	<i>mm</i>	1300	1300	1500	1500	2000	2000	2000	2000	2500
Width	<i>mm</i>	680	680	680	830	950	950	950	950	1060
Height	<i>mm</i>	1300	1300	1300	1350	1450	1450	1450	1450	1500
Fuel tank capacity	<i>ltr</i>	35	35	75	75	105	105	105	105	170
Gensets Sound Proof	<i>kg</i>	550	620	820	1060	1220	1620	1620	1880	2080
Length	<i>mm</i>	1800	2000	2200	2200	2500	2700	2700	3200	3200
Width	<i>mm</i>	900	900	900	900	1000	1100	1100	1200	1200
Height	<i>mm</i>	1300	1300	1300	1450	1650	1800	1800	2100	2100
Fuel tank capacity	<i>ltr</i>	70	90	100	170	170	190	190	280	280

LIQUID-COOLED ENGINES – 50 HZ

GENSET MODEL		DPS 180	DPS 200	DPS 250	DPS 300	DPS 350	DPS 380	DPS 450	DPS 500
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rated apparent power (PRP), 3 phases	<i>kVA</i>	180	204	267	300	352	388	477	510
Rated apparent power (LTP), 3 phases	<i>kVA</i>	190	225	281	341	393	420	524	560
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	274,28	324,52	406,37	493,04	567,99	606,28	756,82	809,29

Engine									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FC	BF6M1013FC	TCD2013 L6/4V	BF6M1015C	BF6M1015C	BF6M1015CP	BF8M1015C	BF8M1015CP
Rated PRP gross power	<i>kW</i>	163,0	183,0	238,2	270,0	315,0	338,0	413,0	448,0
Rated LTP gross power	<i>kW</i>	170,0	201,0	250,7	300,0	345,0	365,0	459,0	490,0
Cooling system		Water	Water	Water	Water	Water	Water	Water	Water
Speed governing		electronic	electronic	electronic	electronic	electronic	electronic	electronic	electronic
Number of cylinders		6	6	6	6	6	6	8	8
Engine configuration		IL	IL	IL	V	V	V	V	V
Displacement	<i>ltr</i>	7,14	7,14	7,14	11,91	11,91	11,91	15,88	15,88
Bore/Stroke	<i>mm</i>	108/130	108/130	108/130	132/145	132/145	132/145	132/145	132/145
Electrical equipment	<i>V/dc</i>	12	12	24	24	24	24	24	24

Generator									
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECO38 1S4A	ECO38 2S4A	ECO38 1L4A	ECO38 2L4A	ECO38 3L4A	ECO40 1S4A	ECO40 2S4A	ECO40 3S4A
Generator efficiency	<i>%</i>	92,4	92,7	93,0	93,7	93,5	94,2	94,3	94,4

Consumption									
Fuel (75% of charge)	<i>l/h</i>	27,0	29,5	43,0	45,0	47,0	56,0	64,0	70,0

Noise Level									
dbA by 100% of charge at 7m	<i>dbA</i>	67	67	67	67	67	67	67	67

Weight and dimensions									
Gensets open frame	<i>kg</i>	1525	1570	1920	2400	2400	2600	2900	3000
Length	<i>mm</i>	2500	2500	2700	3000	3000	3000	3000	3000
Width	<i>mm</i>	1100	1100	1150	1500	1500	1700	1800	2050
Height	<i>mm</i>	1500	1500	1800	2200	2200	2200	2200	2200
Fuel tank capacity	<i>ltr</i>	170	170	170	500	500	600	650	730
Gensets Sound Proof	<i>kg</i>	2215	2260	2620	3500	3500	3620	3920	4060
Length	<i>mm</i>	3500	3500	3500	4000	4000	4000	4000	4000
Width	<i>mm</i>	1300	1300	1300	1600	1600	1600	2000	2000
Height	<i>mm</i>	2170	2170	2170	2340	2340	2340	2530	2530
Fuel tank capacity	<i>ltr</i>	370	370	370	395	395	395	500	500

AIR-COOLED ENGINES – 60 HZ

GENSET MODEL		DPS 15	DPS 25	DPS 35	DPS 50	DPS 53	DPS 75	DPS 110	DPS 155
Rated speed	<i>rpm</i>	1800	1800	1800	1800	1800	1800	1800	1800
Rated voltage, 3 phases	<i>V</i>	480/277	480/277	480/277	480/277	480/277	480/277	480/277	480/277
Rated apparent power (PRP), 3 phases	<i>kVA</i>	15	25	36	49	53	77	111	157
Rated apparent power (LTP), 3 phases	<i>kVA</i>	16	27	38	52	56	81	117	165
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	18,73	31,99	46,22	62,67	67,86	97,95	140,90	199,15

Engine									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F2L2011	F3L2011	F4L2011	BF4L2011	F4L914	F6L914	BF6L914	BF6L914C
Rated PRP gross power	<i>kW</i>	13,7	22,7	33,1	43,6	47,4	68,2	96,9	136,0
Rated LTP gross power	<i>kW</i>	14,4	23,9	34,8	45,9	49,9	71,7	101,8	142,8
Speed governing		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	electronical
Number of cylinders		2	3	4	4	4	6	6	6
Engine configuration		IL	IL	IL	IL	IL	IL	IL	IL
Displacement	<i>ltr</i>	1,55	2,33	3,11	3,11	4,31	6,47	6,47	6,47
Bore/Stroke	<i>mm</i>	94/112	94/112	94/112	94/112	102/132	102/132	102/132	102/132
Electrical equipment	<i>V/dc</i>	12	12	12	12	12	12	12	12
Fuel tank capacity	<i>ltr</i>	35	35	75	75	75	105	105	105

Generator									
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECP3-2L/4	ECP28 M4A	ECP28 VL4A	ECP32 3S4B	ECP32 1M4B	ECP32 2M4B	ECP34 2S4A	ECP34 1L4A
Generator efficiency	<i>%</i>	87,0	89,3	89,0	91,5	92,0	92,3	93,6	94,5

Consumption									
Fuel (75% of charge)	<i>l/h</i>	2,7	4,2	5,9	7,7	8,2	12,0	18,4	24,0

Weight and dimensions									
Gensets open frame	<i>kg</i>	370	430	560	610	620	860	1010	1200
Length	<i>mm</i>	1300	1300	1500	1500	1500	2000	2000	2000
Width	<i>mm</i>	680	680	830	830	830	950	950	950
Height	<i>mm</i>	1300	1300	1300	1300	1450	1450	1800	1800

LIQUID COOLED ENGINES – 60 HZ

GENSET MODEL		DPS 16	DPS 25	DPS 35	DPS 50	DPS 70	DPS 80	DPS 110	DPS 135	DPS 170
Rated speed	<i>rpm</i>	1800	1800	1800	1800	1800	1800	1800	1800	1800
Rated voltage, 3 phases	<i>V</i>	480/277	480/277	480/277	480/277	480/277	480/277	480/277	480/277	480/277
Rated apparent power (PRP), 3 phases	<i>kVA</i>	16	25	36	49	71	80	111	136	173
Rated apparent power (LTP), 3 phases	<i>kVA</i>	16	27	38	52	75	91	117	150	183
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	19,78	31,99	46,22	62,67	89,89	109,14	140,61	181,09	220,19

Engine										
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F2M2011	F3M2011	F4M2011	BF4M2011	BF4M2011C	BF4M2012C	BF4M1013EC	BF4M1013FC	BF6M1013EC
Rated PRP gross power	<i>kW</i>	15,0	23,3	33,5	45,0	63,6	79,0	105,0	124,0	155,0
Rated LTP gross power	<i>kW</i>	15,8	24,5	35,2	47,3	66,8	88,0	110,0	136,0	163,0
Cooling system		oil	oil	oil	oil	oil	water	water	water	water
Speed governing		mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical	electronical	mechanical
Number of cylinders		2	3	4	4	4	4	4	4	6
Engine configuration		IL	IL	IL	IL	IL	IL	IL	IL	IL
Displacement	<i>ltr</i>	1,55	2,33	3,11	3,11	3,11	4,04	4,76	4,76	7,14
Bore/Stroke	<i>mm</i>	94/112	94/112	94/112	94/112	102/132	102/126	108/130	108/130	108/130
Electrical equipment	<i>V/dc</i>	12	12	12	12	12	12	12	12	12

Generator										
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECP3-2L/4	ECP28 M4A	ECP28 VL4A	ECP32 3S4B	ECP32 2M4B	ECP32 3L4B	ECP34 2S4A	ECP34 1L4A	ECP34 2L4A
Generator efficiency	<i>%</i>	87,0	89,3	89,0	91,5	92,3	92,6	93,6	94,5	94,8

Consumption										
Fuel (75% of charge)	<i>l/h</i>	2,8	4,1	5,7	7,4	10,6	13,3	18,0	20,0	26,0

Noise Level										
dbA by 100% of charge at 7m	<i>dbA</i>	67	67	67	67	67	67	67	67	67

Weight and dimensions										
Gensets open frame	<i>kg</i>	380	440	570	620	790	800	1100	1200	1450
Length	<i>mm</i>	1300	1300	1500	1500	2000	2000	2000	2000	2500
Width	<i>mm</i>	680	680	680	830	950	950	950	950	1060
Height	<i>mm</i>	1300	1300	1300	1350	1450	1450	1450	1450	1500
Fuel tank capacity	<i>ltr</i>	35	35	75	75	105	105	105	105	170

Gensets Sound Proof	<i>kg</i>	550	620	820	1060	1220	1620	1620	1880	2080
Length	<i>mm</i>	1800	2000	2200	2200	2500	2700	2700	3200	3200
Width	<i>mm</i>	900	900	900	900	1000	1100	1100	1200	1200
Height	<i>mm</i>	1300	1300	1300	1450	1650	1800	1800	2100	2100
Fuel tank capacity	<i>ltr</i>	70	90	100	170	170	190	190	280	280

LIQUID COOLED ENGINES – 60 HZ

GENSET MODEL		DPS 192	DPS 200	DPS 270	DPS 300	DPS 345	DPS 400	DPS 450	DPS 540
Rated speed	<i>rpm</i>	1800	1800	1800	1800	1800	1800	1800	1800
Rated voltage, 3 phases	<i>V</i>	480/277	480/277	480/277	480/277	480/277	480/277	480/277	480/277
Rated apparent power (PRP), 3 phases	<i>kVA</i>	200	223	273	299	344	397	471	543
Rated apparent power (LTP), 3 phases	<i>kVA</i>	207	248	288	335	380	437	520	591
Nominal current (LTP) 400 V, 3 phases	<i>A</i>	249,16	298,12	346,95	403,85	458,05	525,72	625,61	711,16

Engine									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FC	BF6M1013FC	TCD2013 L6/4V	BF6M1015C	BF6M1015C	BF6M1015CP	BF8M1015C	BF8M1015CP
Rated PRP gross power	<i>kW</i>	181,0	204,0	247,4	271,0	310,0	351,0	413,0	473,0
Rated LTP gross power	<i>kW</i>	190,0	224,9	260,4	302,0	341,0	384,0	454,0	517,0
Cooling system		water	water	water	water	water	water	water	water
Speed governing		electronical	electronical	electronical	electronical	electronical	electronical	electronical	electronical
Number of cylinders		6	6	6	6	6	6	8	8
Engine configuration		IL	IL	IL	V	V	V	V	V
Displacement	<i>ltr</i>	7,14	7,14	7,14	11,91	11,91	11,91	15,88	15,88
Bore/Stroke	<i>mm</i>	108/130	108/130	108/130	132/145	132/145	132/145	132/145	132/145
Electrical equipment	<i>V/dc</i>	12	12	24	24	24	24	24	24

Generator									
Make		Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte	Mecc Alte
Model		ECO34 3L4A	ECO38 1S4A	ECO38 3S4A	ECO38 1L4A	ECO38 2L4A	ECO38 3L4A	ECO40 1S4A	ECO40 2S4A
Generator efficiency	<i>%</i>	95,1	93,2	94,0	94,8	94,5	94,8	94,8	95,0

Consumption									
Fuel (75% of charge)	<i>l/h</i>	30,8	34,7	47,5	45,2	51,0	58,0	68,0	79,0

Noise Level									
dbA by 100% of charge at 7m	<i>dbA</i>	67	67	67	67	67	67	67	67

Weight and dimensions									
Gensets open frame	<i>kg</i>	1525	1570	1920	2400	2400	2600	2900	3000
Length	<i>mm</i>	2500	2500	2700	3000	3000	3000	3000	3000
Width	<i>mm</i>	1100	1100	1150	1500	1500	1700	1800	2050
Height	<i>mm</i>	1500	1500	1800	2200	2200	2200	2200	2200
Fuel tank capacity	<i>ltr</i>	170	170	170	500	500	600	650	730

Gensets Sound Proof	<i>kg</i>	2215	2260	2620	3500	3500	3620	3920	4060
Length	<i>mm</i>	3500	3500	3500	4000	4000	4000	4000	4000
Width	<i>mm</i>	1300	1300	1300	1600	1600	1600	2000	2000
Height	<i>mm</i>	2170	2170	2170	2340	2340	2340	2530	2530
Fuel tank capacity	<i>ltr</i>	370	370	370	395	395	395	500	500

# DPS HYBRID SYSTEM.

DEUTZ DPS-Hybrid 20 and DPS-Hybrid 30 genset systems, which generate 20 and 30 kVA respectively.

These complete genset systems consist of a diesel engine plus all the other components (generator, control panel, frame) and can be supplied either as free-standing sets or as containerised units.

The DPS-Hybrid 13 also offers an advanced hybrid operating mode, either battery-driven or powered by a solar module. The concept is that if the engine generates more electricity than needed, any excess energy is stored in the battery. If required, this energy can then either boost the engine or even act as the sole power supply source, resulting in fuel savings of up to 65 per cent. If the diesel engine fails, the battery is also able to keep the genset

operational for up to 24 hours. The solar hybrid variant has a solar collector which, in particularly sunny parts of the world, is capable of providing most of the power needed by itself.

The diesel engine starts up occasionally, providing additional support at power consumption peaks or on days when the sun does not shine. This allows extremely efficient operation as regards fuel consumption and maintenance plus a long service life. In addition to cost savings, DPS hybrid solutions also represent an environmentally sustainable source of energy.



## DPS HYBRID SYSTEM

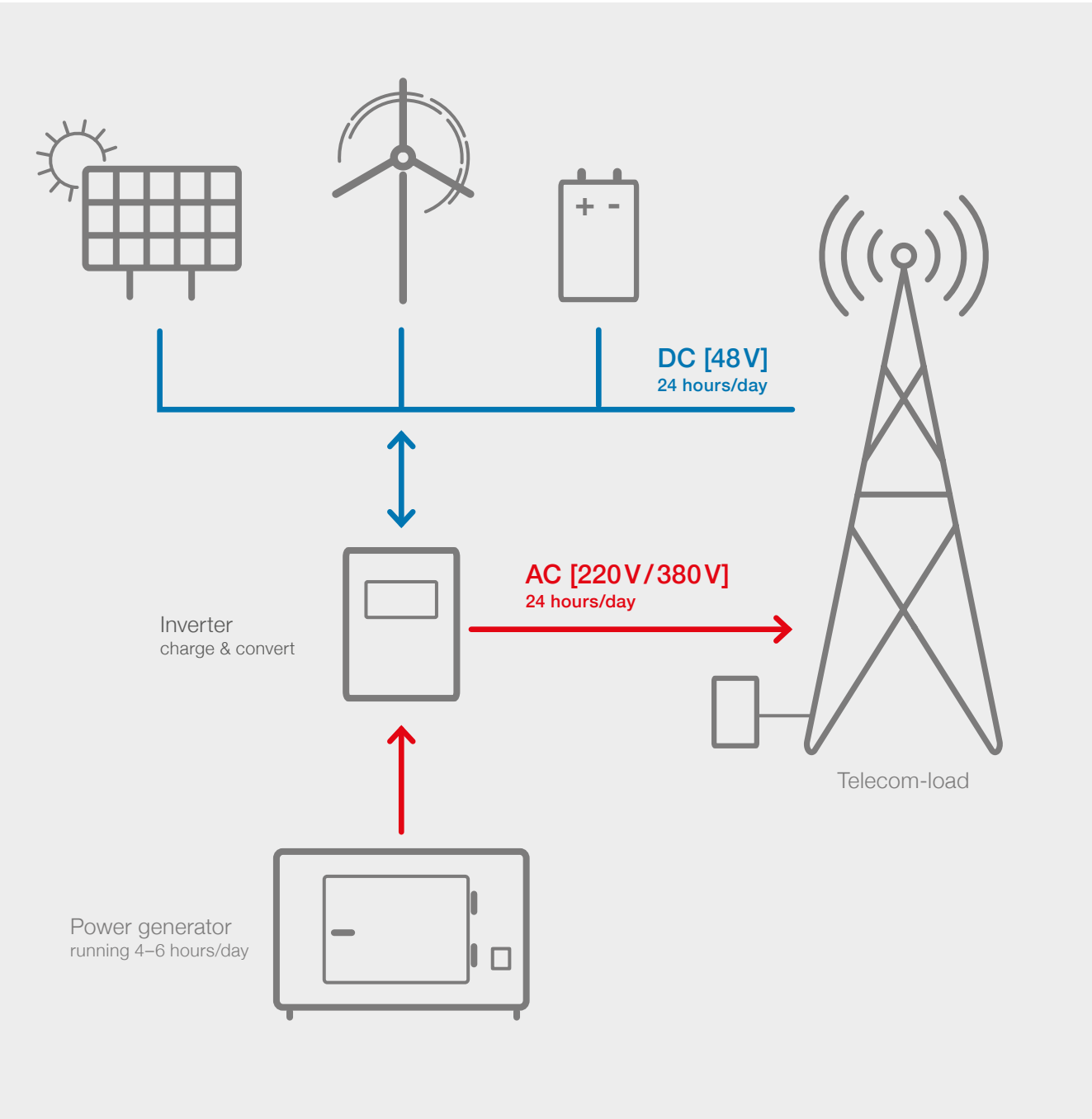
MODEL		HYB201	HYB202	HYB303
Rated apparent power LTP 3 phases	KVA	20	20	30
Rated voltage 3 phases	Volts	220/380	220/380	220/380
Permanent power 220V/50Hz	Watts	6000	12000	18000
Continuous current 48Volts	A	140	280	420
Operation genset/Battery	h	6/18	4/20	4/20
Engine				
Make		DEUTZ	DEUTZ	DEUTZ
Model		F3M 2011	F3M2011	F4M2011
Number of cylinder		3	3	4
Bore/Stroke	mm	94/112	94/112	94/112
Displacement	l	2,33	2,33	3,11
Rated LPT mechanical power	kW	21,4	21,4	30,4
Cooling system		air	air	air
Start up system		automatic	automatic	automatic
Consumption	g/kwh	225	225	225
Generator				
Make		Mecc Alte	Mecc Alte	Mecc Alte
Model		ECP28 M4A	ECP28 M4A	ECP28 VL4A
Generator efficiency	%	88,0	88,0	88,4
Net Frequency	Hz	50	50	50
Accessories				
Canopy & Access doors		Galvanized steel sheet + three paint re-sprays	Galvanized steel sheet + three paint re-sprays	Galvanized steel sheet + three paint re-sprays
Controler		AMF25	AMF25	AMF25
Supervisor		Yes	Yes	Yes
Battery				
Make		PowerSafe SBS without Maintenance	PowerSafe SBS without Maintenance	PowerSafe SBS without Maintenance
Capacity C10	Ah	400	580	900
Model		SBS 400	SBS 580	SBS 900
Cabinet battery Capacity		1 Row /24 Cells	1 Row /24 Cells	1 Row /24 Cells
Control battery temperature control		Yes	Yes	Yes
Ingress protection		IP55	IP55	IP55
weather conditions		-40°C à +70°C	-40°C à +70°C	-40°C à +70°C
Sunny remote control				
Model		SI 8.0H	SI 8.0H	SI 8.0H
Number of modules		1	2	3
Redundancy		No	Yes	Yes
Weight and dimensions				
Hybrid system Sound Proof	kg	2800	2800	3500
Length	mm	2200	2200	2400
Width	mm	1200	1200	1200
Height	mm	2200	2200	2200
Fuel tank capacity	litr	130	130	130



CONTROLLER PANELS.

Choose for your DPS SYSTEM from our wide range of Controller Panel.

DPS HYBRID SYSTEM



CONTROLLER PANELS



Application	Single Gen-Set Prime Power System	Single Gen-Set Standby & Prime Power System	Single Gen-Set Standby & Prime Power System	Single Gen-Set Standby & Prime Power System
DEUTZ Model Description	CLASSIC	BASIC	COMFORT	DELUXE
<b>Features</b>				
Binary Inputs / Outputs	6 / 6	4 / 6	7 / 7	8 / 8
Analog Inputs	3	3	3	4
Input & Output Configurations	✓	✓	✓	✓
D+ battery charging alternator circuit	✓	✓	✓	✓
Generator protections	✓	✓	✓	✓
AMF / MRS Functions	✓	✓	✓	✓
GCB/MCB Control with Feedback	✓	without Feedback	✓	✓
Frequency measurement Gens/Mains	✓	✓	✓	✓
ECU support via CAN	✓	✓	✓	✓
kW / kWh / kVA measurement	kVA only	kW / kWh / kVA	kW / kWh / kVA	kW / kWh / kVA
Magnetic pickup	✗	✓	✓	✓
RTC / Battery	✗	✗	✓	✓
Total Fuel Consumption	✗	✗	✓	✓
Dummy Load / Load Shedding	✗	✗	✓	✓
Analog Calibration	✗	✗	✓	✓
Auto. Temperature based on heating & cooling	✗	✗	✓	✓
PLC	✗	✗	✗	✓
Modbus support / SNMP support	✗	✗	O	✓
SNMP traps	✗	✗	✗	O
Remote Control	✗	O	O	O
Earth fault current protections	✗	✗	O	O
Manual Speed Control (For ECU Engines)	✗	✗	✗	✓
2 x 10 A binary output for cranking and fuel	✗	✗	✗	✓
Fuel pump	✗	✗	✗	✓
Connection type autodetect	✗	✗	✗	✓
TIER 4 Final Support	✗	✗	✗	✓

✓ included  
✗ not included  
O optional as plug-in

# WEBSUPERVISOR

Cloud Based System for Remote Management of Gen-set Controllers.

**WebSupervisor is a cloud-based system designed for management of Gen-set Controllers** via the internet. This system offers a number of beneficial features that help optimize revenue for machinery fleets, as each piece of equipment can be individually monitored for all important operation values.

**WebSupervisor gives you an overview** of all your asset's status, location, and other important data and alerts - all on one screen. Detailed data-logging, historical trends, and asset management is all easily accessible.

From your PC, tablet or mobile phone you can instantly reach the most important and relevant data. The responsive design ensures easy to use operation on any screen size.

- List and map view of assets and alerts on one screen
- Dashboard with fleet statistics
- Advanced graphs and trends
- API interface for easy connection to your SW solution
- Customizable look with your logo and URL
- Automatic monthly reports
- Single machine or group control
- Quick connection to PC tools
- Automatic download of history records from controller
- Option to run in public or private cloud

**WebSupervisor offers equipment owners a number of powerful reporting tools** allowing monthly summaries of availability and revenue creation ensuring that maintenance scheduling and asset utilization can be maximized for individual equipment and the whole fleet. The information generated from each controller can be archived on the central server for future analysis and trend evaluation.



# ABOUT DEUTZ.

DEUTZ AG is an independent manufacturer of diesel engines with a power output of 25 to 520 kW and is headquartered in Cologne, Germany.

For more than 150 years, the name DEUTZ has been synonymous with cutting-edge technology and high-quality products. We currently employ 3,730 people and have a presence in over 130 countries.



**We focus on you: the customer.** We will be a reliable partner and competent problem-solver for all your engine requirements – fast, efficient and unbureaucratic. Understanding your individual challenges, the extensive knowledge of our service experts – as well as DEUTZ original spare parts – make it possible for us to always offer you the best solutions.

**DEUTZ service is always close by – all over the world.** This gives you the security of a comprehensive range of service products and services. To ensure maximum availability and service life for your DEUTZ engines and appliances.

**We care.** Comprehensive support for all DEUTZ products during their entire service life.

**We support.** 800 DEUTZ service partners in 130 countries are on hand day and night to help customers.

**We deliver.** Worldwide logistics centres in Germany, the USA and Asia guarantee the worldwide supply of more than 40,000 original spare parts.



## DEUTZ WORLDWIDE

### DEUTZ AG

Ottostr. 1  
51149 Cologne, Germany  
Phone: +49 (0) 221 822-0  
Fax: +49 (0) 221 822-3525  
E-mail: [info@deutz.com](mailto:info@deutz.com)  
[www.deutz.com](http://www.deutz.com)

### DEUTZ Corporation

3883 Steve Reynolds Blvd.  
Norcross, GA 30093, USA  
Phone: +1 770 564 7100  
Fax: +1 770 564 7222  
E-mail: [engines@deutzusa.com](mailto:engines@deutzusa.com)  
[www.deutzamericas.com](http://www.deutzamericas.com)

### DEUTZ France S.A.

115, Rue du Fossé Blanc  
92230 Gennevilliers, France  
Phone: +33 (0) 1 46 13 87 87  
Fax: +33 (0) 1 46 13 87 67  
E-mail: [fr.contact@deutz.com](mailto:fr.contact@deutz.com)  
[www.deutz.fr](http://www.deutz.fr)

### MAGIDEUTZ S.A.

6, Rue Sergent Khalich Mohamed  
B.P. 13024  
20310 Casablanca, Morocco  
Phone: +212 (0) 522 30 30 22/23  
Fax: +212 (0) 522 30 39 61  
E-mail: [magid@deutz.ma](mailto:magid@deutz.ma)  
[www.deutz.ma](http://www.deutz.ma)

### DEUTZ (Beijing) Engine Co., Ltd.

1102 CITIC Building  
19, Jian Wai Dajie  
Beijing 100004, China  
Phone: +86 10 65 25 41 86  
Fax: +86 10 65 12 00 42  
E-mail: [dbj@deutz.com.cn](mailto:dbj@deutz.com.cn)  
[www.deutz.com.cn](http://www.deutz.com.cn)

### DEUTZ Asia-Pacific (Pte) Ltd.

10 Gul Crescent  
Singapore 629523  
Phone: +65 66 72 7800  
Fax: +65 62 64 1779 / 62 65 3007  
E-mail: [dap@deutz.com](mailto:dap@deutz.com)  
[www.deutz.com.sg](http://www.deutz.com.sg)

### DEUTZ Australia Pty. Ltd

Unit 4, 13-15 Brough Street  
Springvale, Vic, 3195, Australia  
Phone: +61 3 9549 8400  
Fax: +61 3 9549 8490  
E-mail: [deutzoz@deutz.com](mailto:deutzoz@deutz.com)  
[www.deutz.com.au](http://www.deutz.com.au)