



# DEUTZ POWER SOLUTIONS.

Product Overview.

The engine company.

# DEUTZ POWER SOLUTIONS.

Our heavy-duty power solutions have been specifically designed to suit Australia's unique environment and conditions. The complete portable gensets meet market requirements and offer world-class quality, fuel economy, reliability and performance.

All our complete power generator sets are manufactured and tested to stringent DEUTZ standards. Customers can be assured of their quality, performance & reliability. The Standard DPS package includes various features and allows customization to meet any application requirements.

The DEUTZ Power Solutions are available in two variants: Open Frame (OF) and Sound Proof (SP).



## DPS STANDARD PACKAGE

- Heavy Duty Base Frame
- Bunded Base Fuel Tank
- Automatic Mains Fail / Remote Start Control Panel
  - Visual Display of Engine and Alternator Parameters
  - Engine Monitoring and Shutdown System
- Battery Charger (AC Supply)
- Engine Heater (AC Supply)
- Engine Oil Extraction Pump
- Operation Manual

## DPS OPTIONS

- Extended Range Fuel Tanks
- Paralleling / Synchronising Control Panel
- Power Outlet Distribution Board (13 – 62kVA)

# KEY BENEFITS.

Our gensets offer our customers a range of benefits, including:

- Robust Design Acoustic Enclosures
- Compact Design
- Four Point Lifting Arrangement
- Bunded Base Fuel Tanks
- Automatic Mains Fail / Remote Start Control Panel
- Battery Charger
- Engine Heater
- Engine Oil Extraction Pump
- DEUTZ Low Engine Fuel Consumption



# TECHNICAL DATA.

## F&B SERIES

Generator Model		DPS 13 DF	DPS 21 DB	DPS 33 DB	DPS 44 DB	DPS 62 DB
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	415/240	415/240	415/240	415/240	415/240
Rated apparent power (PRP), 3 phases	<i>kVA</i>	12.5	20.0	30.0	40.0	60.0
Rated apparent power (LTP), 3 phases	<i>kVA</i>	13.1	21.3	33.0	44.0	62.0
Nominal current (LTP) 415 V,3 phases	<i>A</i>	18	30	46	62	87
Engine						
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F2M2011	F3M2011	F4M2011	BF4M2011	BF4M2011C
Rated PRP gross power	<i>kWm</i>	12.4	20.4	29.4	39.2	56.1
Rated LTP gross power	<i>kWm</i>	13.0	21.4	30.4	41.2	59.0
Cooling system		Oil	Oil	Oil	Oil	Oil
Speed governing		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Number of cylinders		2	3	4	4	4
Engine configuration		Inline	Inline	Inline	Inline	Inline
Displacement	<i>ltr</i>	1.6	2.3	3.1	3.1	3.1
Bore/Stroke	<i>mm</i>	94/112	94/112	92/112	94/112	94/112
Electrical equipment	<i>V/dc</i>	12	12	12	12	12
Generator						
Make		Stamford	Stamford	Stamford	Stamford	Stamford
Model		S0L1-P	S0L2-G	S0L2-P	S1L2-K	S1L2-Y
Fuel Consumption						
Cons. @ 75% load	<i>l/h</i>	2.5	4.0	5.5	7.4	10.4
Noise Level						
db(A) @ 7 metres	<i>db(A)</i>	65	65	65	65	68
Weight and dimensions						
Gensets sound proof	<i>(dry) kg</i>	640	830	910	940	1150
Length	<i>mm</i>	1660	2030	2030	2030	2240
Width	<i>mm</i>	770	945	945	945	945
Height	<i>mm</i>	1330	1340	1340	1340	1340
Fuel tank capacity	<i>ltr</i>	50	90	90	90	90

# TECHNICAL DATA.

## G SERIES

Generator Model		DPS 21 DG	DPS 33 DG	DPS 44 DG	DPS 62 DG	DPS 81 DG	DPS 110 DG	DPS 140 DG	DPS 170 DG
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	415/240	415/240	415/240	415/240	415/240	415/240	415/240	415/240
Rated apparent power (PRP), 3 phases	<i>kVA</i>	20.0	30.0	40.0	60.0	75	100	130	160
Rated apparent power (LTP), 3 phases	<i>kVA</i>	21.3	33.0	44.0	62.0	81	110	137	172
Nominal current (LTP) 415 V, 3 phases	<i>A</i>	30	46	62	87	114	155	193	243
<b>Engine</b>									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		F3M2011	F4M2011	BF4M2011	BF4M2011C	BF4M2012C	BF4M1013EC	BF4M1013FC	BF6M1013EC
Rated PRP gross power	<i>kWm</i>	20.4	29.4	39.2	56.1	71.0	97.0	117.0	146.0
Rated LTP gross power	<i>kWm</i>	21.4	30.4	41.2	59.0	75.0	102.0	129.0	153.0
Cooling system		Oil	Oil	Oil	Oil	Water	Water	Water	Water
Speed governing		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Mechanical
Number of cylinders		3	4	4	4	4	4	4	6
Engine configuration		Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline
Displacement	<i>ltr</i>	2.3	3.1	3.1	3.1	4.0	4.8	4.8	7.1
Bore/Stroke	<i>mm</i>	94/112	94/112	92/112	94/112	101/126	108/130	108/130	108/130
Electrical equipment	<i>V/dc</i>	12	12	12	12	12	12	12	12
<b>Generator</b>									
Make		Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Model		S0L2-G	S0L2-P	S1L2-K	S1L2-Y	UCI224G	UCI274C	UCI274E	UCI274F
<b>Fuel Consumption</b>									
Cons. @ 75% load	<i>l/h</i>	4.0	5.5	7.4	10.4	13.6	18.3	21.7	28.9
<b>Noise Level</b>									
db(A) @ 7 metres	<i>db(A)</i>	60	60	60	61	70	70	70	70
<b>Weight and Dimensions</b>									
Gensets sound proof	<i>(dry) kg</i>	920	1000	1160	1260	1450	1540	1920	2150
Length	<i>mm</i>	2000	2000	2000	2260	2560	2560	3060	3060
Width	<i>mm</i>	910	910	910	1040	1040	1040	1140	1140
Height	<i>mm</i>	1600	1600	1600	1790	1805	1805	2230	2230
Fuel tank capacity	<i>ltr</i>	120	120	120	160	160	160	360	360
Gensets open frame	<i>(dry) kg</i>	610	700	720	840	1037	1160	1450	1760
Length	<i>mm</i>	2000	2000	2000	2260	2560	2560	3060	3060
Width	<i>mm</i>	910	910	910	1040	1040	1040	1140	1140
Height	<i>mm</i>	1100	1150	1230	1270	1355	1580	1800	1756
Fuel tank capacity	<i>ltr</i>	120	120	120	160	160	160	360	360

## G SERIES CONTINUED

Generator Model		DPS 190 DG	DPS 220 DG	DPS 275 DG	DPS 350 DG	DPS 380 DG	DPS 415 DG	DPS 480 DG	DPS 550 DG
Rated speed	<i>rpm</i>	1500	1500	1500	1500	1500	1500	1500	1500
Rated voltage, 3 phases	<i>V</i>	415/240	415/240	415/240	415/240	415/240	415/240	415/240	415/240
Rated apparent power (PRP), 3 phases	<i>kVA</i>	180	200	250	315	350	380	430	500
Rated apparent power (LTP), 3 phases	<i>kVA</i>	189	220	275	350	380	412	480	550
Nominal current (LTP) 415 V, 3 phases	<i>A</i>	267	311	389	495	537	583	679	778
<b>Engine</b>									
Make		DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FC	BF6M1013FC	TCD2013L064V	BF6M1015CG1	BF6M1015CG2	BF6M1015CP	BF6M1015CG1	BF6M1015CP
Rated PRP gross power	<i>kWm</i>	163.0	183.0	238.2	270.0	315.0	338.0	413.0	448.0
Rated LTP gross power	<i>kWm</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		Inline	Inline	V	V	V	V	V	V
Displacement	<i>ltr</i>	7.1	7.1	7.1	11.9	11.9	11.9	15.9	15.9
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
<b>Generator</b>									
Make		Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford	Stamford
Model		UCI274G	UCI274H	UCDI274K	HCI4E	HCI4E	HCI4F	HCI5C	HCI5D
<b>Fuel Consumption</b>									
Cons. @ 75% load	<i>l/h</i>	34.2	37.7	43.4	51.7	57.4	63.1	69.3	84.9
<b>Noise Level</b>									
db(A) @ 7 metres	<i>db(A)</i>	73	73	73	*	*	*	*	*
<b>Weight and Dimensions</b>									
Gensets sound proof	<i>(dry) kg</i>	2430	2460	2730	*	*	*	*	*
Length	<i>mm</i>	3230	3230	3230	*	*	*	*	*
Width	<i>mm</i>	1140	1140	1140	*	*	*	*	*
Height	<i>mm</i>	2230	2230	2230	*	*	*	*	*
Fuel tank capacity	<i>ltr</i>	360	360	360	*	*	*	*	*
Gensets open frame	<i>(dry) kg</i>	1970	2000	2350	*	*	*	*	*
Length	<i>mm</i>	3230	3230	3230	*	*	*	*	*
Width	<i>mm</i>	1140	1140	1140	*	*	*	*	*
Height	<i>mm</i>	1910	1910	1900	*	*	*	*	*
Fuel tank capacity	<i>ltr</i>	360	360	360	*	*	*	*	*

\* Contact DEUTZ for details.

# CONTROLLER PANELS.

All units can be fully customised and paired with a range of controller panels offering the latest in precision technology such as WebSupervisor, which uses a cloud-based monitoring system.



## COMAP INTELILITE AMF25 (STANDARD SUPPLY)

### Product Description

- Single genset controller for Stand-by and Primepower applications
- Direct communication with EFI engines
- Total remote monitoring and control

### Key Features

- Easy to install, configure and use
- Wide range of communication capabilities including:
  - connection via RS232, RS485, CAN and onboard USB
  - internet access using Ethernet, GPRS or 4G
  - support for Modbus and SNMP protocols
- Internal PLC support with PLC editor and monitor included in LiteEdit
- Cloud-based monitoring and control via WebSupervisor
- Active SMS and emails in different languages
- SNMP traps
- Geofencing and tracking via WebSupervisor
- Option for up to 16 additional binary inputs/ outputs
- Flexible event based history with up to 350 events
- Load shedding, dummy load capability
- Tier 4 final support
- Automatic temperature based cooling/heating
- Comprehensive genset protections
- Multipurpose flexible timers
- True RMS measurement
- Available also in low temperature (LT) version



## INTELIVISION 5/INTELIGEN NTC BASEBOX (OPTION)

### Product Description

- Comprehensive paralleling genset controller
- Parallel operation up to 32 gensets
- High level control for complex systems

### Key Features

- Load sharing and VAR sharing via CAN
- Virtual shared inputs and outputs via CAN
- Support of wide range of applications
- Single or multiple gensets in parallel to mains operation with automatic back up function, multiple island operation
- Advanced power management function
- Customizable load control in parallel to mains
- Wide range of ECU support
- Extended communication capabilities
- Built-in web server
- Full Modbus slave support
- GPS and AirGate support and more
- Highly configurable
- Timers, Internal PLC, Force values and more
- Compatible with ComAp's IntelVision displays
- Active e-mail messaging and SMS
- Extensive built-in protection functions
- Standard protections
- User configurable protection
- Extendable with ComAp's extension modules

# ABOUT DEUTZ.

DEUTZ AG is one of the world's major independent manufacturers of diesel engines. Located in Cologne Germany, DEUTZ has a presence in over 130 countries.

DEUTZ AUSTRALIA has been headquartered in Melbourne, Victoria since 1952 and is supported by a large dealer network throughout Australia, New Zealand and the Pacific Islands, as well as an exclusive partner network.

For more than 150 years, the name DEUTZ has been synonymous with cutting-edge technology and high quality products.



**We care. We support. We deliver.**

**DEUTZ SERVICE.**

**We focus on you: the customer.** We are 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 our customers.

**We deliver.**

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



For more information please contact your local DEUTZ Power Solutions sales partner.

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