

# 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
- 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                                 |                 | Mecc Alte  | Stamford   | Stamford   | Stamford   | Stamford   |
| Model                                |                 | ECP3 2L4   | 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 415 DG | DPS 480 DG  | DPS 550 DG |
|---------------------------------------|-----------------|------------|------------|--------------|-------------|------------|-------------|------------|
| Rated speed                           | <i>rpm</i>      | 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    |
| Rated apparent power (PRP), 3 phases  | <i>kVA</i>      | 180        | 200        | 250          | 315         | 380        | 430         | 500        |
| Rated apparent power (LTP), 3 phases  | <i>kVA</i>      | 189        | 220        | 275          | 350         | 412        | 480         | 550        |
| Nominal current (LTP) 415 V, 3 phases | <i>A</i>        | 267        | 311        | 389          | 495         | 583        | 679         | 778        |
| <b>Engine</b>                         |                 |            |            |              |             |            |             |            |
| Make                                  |                 | DEUTZ      | DEUTZ      | DEUTZ        | DEUTZ       | DEUTZ      | DEUTZ       | DEUTZ      |
| Model                                 |                 | BF6M1013FC | BF6M1013FC | TCD2013L064V | BF6M1015CG1 | BF6M1015CP | BF8M1015CG1 | BF8M1015CP |
| Rated PRP gross power                 | <i>kWm</i>      | 163.0      | 183.0      | 238.2        | 270.0       | 338.0      | 413.0       | 448.0      |
| Rated LTP gross power                 | <i>kWm</i>      | 170.0      | 201.0      | 250.7        | 300.0       | 365.0      | 459.0       | 490.0      |
| Cooling system                        |                 | Water      | Water      | Water        | Water       | Water      | Water       | Water      |
| Speed governing                       |                 | Electronic | Electronic | Electronic   | Electronic  | Electronic | Electronic  | Electronic |
| Number of cylinders                   |                 | 6          | 6          | 6            | 6           | 6          | 8           | 8          |
| Engine configuration                  |                 | Inline     | Inline     | Inline       | V           | V          | V           | V          |
| Displacement                          | <i>ltr</i>      | 7.1        | 7.1        | 7.1          | 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    |
| Electrical equipment                  | <i>V/dc</i>     | 12         | 12         | 24           | 24          | 24         | 24          | 24         |
| <b>Generator</b>                      |                 |            |            |              |             |            |             |            |
| Make                                  |                 | Stamford   | Stamford   | Stamford     | Stamford    | Stamford   | Stamford    | Stamford   |
| Model                                 |                 | UCI274G    | UCI274H    | UCDI274K     | S4L1DE      | HCI4F      | HCI5C       | HCI5D      |
| <b>Fuel Consumption</b>               |                 |            |            |              |             |            |             |            |
| Cons. @ 75% load                      | <i>l/h</i>      | 34.2       | 37.7       | 43.4         | 51.7        | 63.1       | 69.3        | 84.9       |
| <b>Noise Level</b>                    |                 |            |            |              |             |            |             |            |
| db(A) @ 7 metres                      | <i>db(A)</i>    | 73         | 73         | 73           | 73          | 75         | 75          | 76         |
| <b>Weight and Dimensions</b>          |                 |            |            |              |             |            |             |            |
| Gensets sound proof                   | <i>(dry) kg</i> | 2430       | 2460       | 2730         | 4300        | 4700       | 4870        | 5170       |
| Length                                | <i>mm</i>       | 3230       | 3230       | 3230         | 4795        | 4795       | 4795        | 4795       |
| Width                                 | <i>mm</i>       | 1140       | 1140       | 1140         | 1600        | 1600       | 1600        | 1600       |
| Height                                | <i>mm</i>       | 2230       | 2230       | 2230         | 2462        | 2462       | 2462        | 2462       |
| Fuel tank capacity                    | <i>ltr</i>      | 360        | 360        | 360          | 800         | 800        | 800         | 800        |
| Gensets open frame                    | <i>(dry) kg</i> | 1970       | 2000       | 2350         | 2900        | 3300       | 3470        | 3770       |
| Length                                | <i>mm</i>       | 3230       | 3230       | 3230         | 4295        | 4295       | 4295        | 4295       |
| Width                                 | <i>mm</i>       | 1140       | 1140       | 1140         | 1600        | 1600       | 1600        | 1600       |
| Height                                | <i>mm</i>       | 1910       | 1910       | 1900         | *           | *          | *           | *          |
| Fuel tank capacity                    | <i>ltr</i>      | 360        | 360        | 360          | 800         | 800        | 800         | 800        |

\* 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.



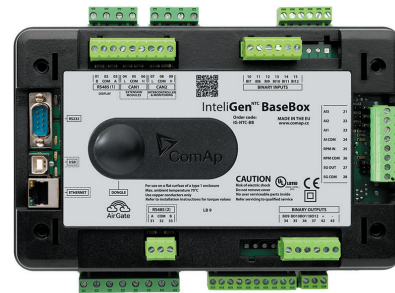
## COMAP INTELILITE AMF25 (STANDARD SUPPLY)

### 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



## INTELVISION 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 IntelliVision 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.**

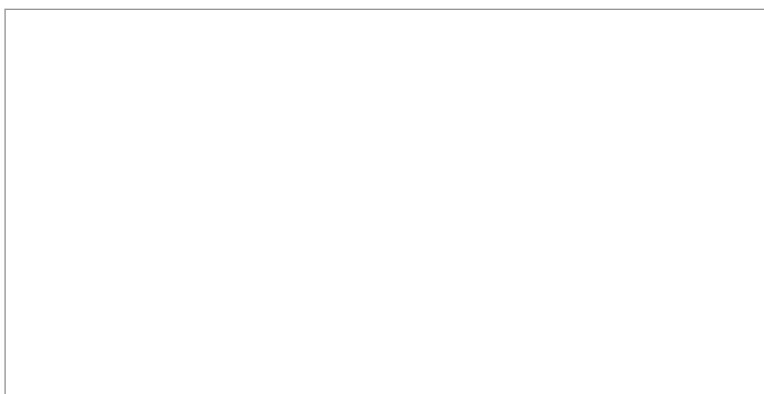
800 DEUTZ service partners in 130 countries are on hand day and night to help our customers.

**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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