



# DEUTZ POWER SOLUTIONS.

Product Overview.

# 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 DEUTZ Power Solutions are available in three variants: Open Frame (OF), Sound Proof (SP) and as Hybrid System (HS).



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

## DPS STANDARD PACKAGE

- The integral fuel storage tank includes flexible suction pipes in its base frame and engine.
- Rubber mountings
- Manual starting system
- Engine monitoring features such as:
  - shut down when oil is low
  - engines high temperature
  - cracked v-belt (only with air-cooled engines)
- Frequency indicator
- Generator protection 4 poles
- Electronic regulation from DPS 145
- Voltage indicator and protection
- Ampere indicator and protection
- Operating hour meter
- Acoustic and Visual alarm display at any malfunction
- Visual display on low fuel
- Fuel pre-filter
- Silencer for open genset
- Muffler
- Battery 12/24V
- Operation manual for the engine, generator, switch board (D/GB/F)

## DPS OPTIONS

- ATS (automatic transfer switch)
- Display for battery charging, oil pressure, engine temperature, fuel tank content, generator protection 4 poles
- Battery isolator
- Remote processing (telegestion)
- Synchronization
- Oil drain pump
- Hot party protection
- Air pre-filter
- Air rejection sheath
- Pre-heating system
- Large fuel storage tank (1.000–2.000l)
- Automatic tank filling system
- Chassis with service brake and lighting

# 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 and other components such as generators, control panels and frames which can be supplied either as free-standing sets or 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 either boost the power of the engine or even act as the sole power supply source, resulting in fuel savings up to 65 per cent. If the diesel engine fails, the battery is also able to keep the genset operational up for 24 hours. The solar hybrid variant includes a solar collector, which is practical for warmer climates, due to its proficiency to provide the majority of its own power.

The diesel engine starts up occasionally, therefore it provides additional support in regards to power consumption and peaks on days when there is no sunlight. This enables an extremely efficient operation in regards to 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.



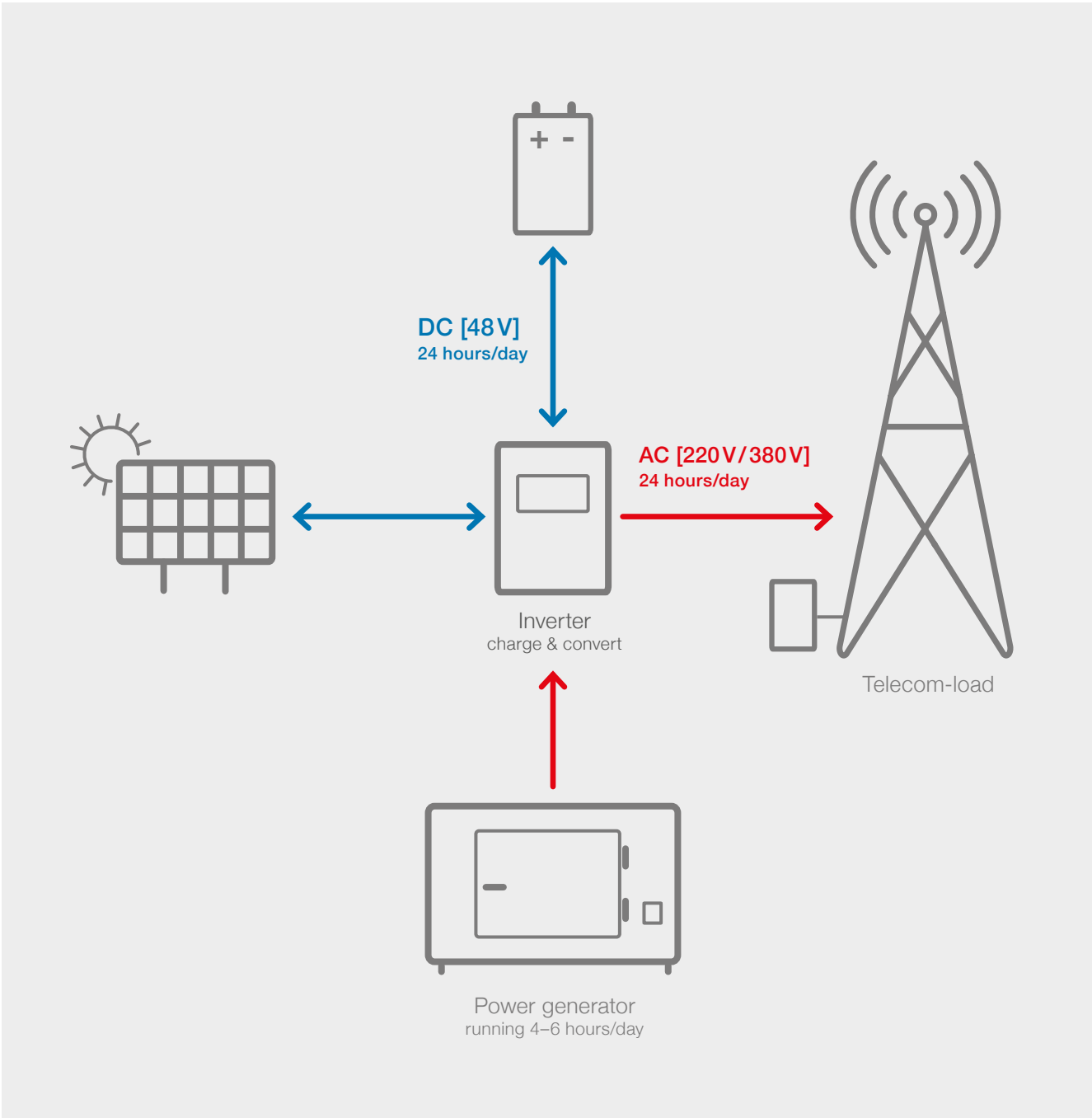
- 1 Gen-Set
- 2 Inverter

**DEUTZ**  
POWER SOLUTIONS



Battery block

DPS HYBRID SYSTEM



# CONTROLLER PANELS.

Select your DPS SYSTEM from our wide range of Controller Panels.

## 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	✗	✗	○	✓
SNMP traps	✗	✗	✗	○
Remote Control	✗	○	○	○
Earth fault current protections	✗	✗	○	○
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
- optional as plug-in

Deep Sea Controller Panel available as an option

# 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 19 to 620 kW and is located 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 care. We support. We deliver.

**DEUTZ SERVICE.**

**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 POWER SOLUTIONS 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 do Brasil Ltda

Rua Vicente de Paula Souza e Silva, 402  
Bairro Assunção –  
São Bernardo do Campo – SP  
Phone/Fax: +11 3611-0911  
E-mail: [deutz@deutz.com.br](mailto:deutz@deutz.com.br)  
[www.deutz.com/br](http://www.deutz.com/br)

### 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)

### DEUTZ AG

Representative Office  
Sultan Business Center, Room 314  
Oud Metha Road  
Dubai, U.A.E.  
Phone: +971 4 3961321  
Fax: +971 4 3961322  
E-Mail: [agnes.deluvio@deutz.com](mailto:agnes.deluvio@deutz.com)  
[www.deutz.com](http://www.deutz.com)