



DPS 550 OF/SP

► Specifications

Genset model

Rated speed	rpm	1500
Net Frequency	Hz	50
Rated voltage 3 phases	V	400/230
Rated apparent power (PRP) 3 phases	kVA	503
Rated apparent power (LTP) 3 phases	kVA	552
Nominal current (LTP) 400V - 3 phases	A	797,00

Engine

Make		DEUTZ
Model		BF8M1015CP
Exhaust Emission Standard	Stage	TAL 2000/Stage 2
Rated PRP gross power	kW	432,6
Rated LTP gross power	kW	474,6
Cooling system		water
Speed governing		electronic
Governing Standard		G2
Number of cylinders		8
Engine configuration		V
Displacement	ltr	15,9
Bore/Stroke	mm	132/145
Compression Ratio		16,5
Electrical equipment	V/dc	24

Air

Max. Intake depression (Switch setting)	[mbar]	50
Combustion Air Volumne	[m3/h]	1848

Exhaust System

Max. exhaust Gas Temperature	[C°]	560
Max. Exhaust back pressure	[mbar]	50
Exhaust Gas Flow (at above temperature)	[m3/h]	5357

Cooling System

Standard Cooling System		
Fan Power Consumption	[kW]	15,4
Cooling Air Flow	[m3/h]	29880
Air Pressure Loss	[mbar]	1,5
Heat dissipation (convection)	[kW]	40

Lube Oil System

Lube Oil Capacity (Slump)	[LTR]	43
Min Oil Pressure (Shutdown)	[bar]	2,7

Fuel Consumption

50% Load	209 [g/kWh]
75% Load	211 [g/kWh]
100% Load	220 [g/kWh]
Fuel Filter	Spin-on Fuel Filter
Optional	Pre-Filter w/ Water Separator

Noise Level (Open / Canopy)

Sound pressure - 100% load, 7m average	dBA	67
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Generator

Make	Stamford	Mecc Alte
Model	HCI544C	ECO40 3S4B




Controller



DEUTZ MODEL DESCRIPTION	CLASSIC	BASIC	COMFORT	DELUXE
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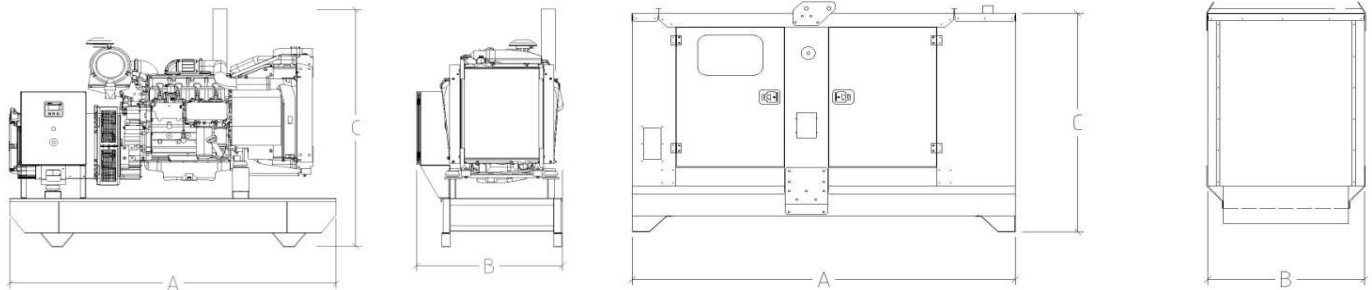
FEATURES

DEUTZ MODEL DESCRIPTION	CLASSIC	BASIC	COMFORT	DELUXE
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	Kw/Kwh/kVA	Kw/Kwh/kVA	Kw/Kwh/kVA
Magnetic pickup	x	✓	✓	✓
RTC / Battery	x	x	✓	✓
Total Fuel Consumption	x	x	✓	✓
Dummy Load / Load Shedding	x	x	✓	✓
Analog Calibration	x	x	✓	✓
Auto.Temperature based on heating & cooling	x	x	✓	✓
PLC	x	x	x	✓
Modbus support / SNMP support	x	x	○	✓
SNMP traps	x	x	x	○
Remote Control	x	○	○	○
Earth fault current protections	x	x	○	○
Manual Speed Control (For ECU Engines)	x	x	x	✓
2 x 10 A binary output for cranking and fuel solenoid	x	x	x	✓
Fuel pump	x	x	x	✓
Connection type autodetect	x	x	x	✓
TIER 4 Final Support	x	x	x	✓

-  Included
-  Excluded
-  Optional - Plug in



Weight and dimensions		Open	Canopy
Weight	kg	3000	4060
Length (A)	mm	3000	4000
Width (B)	mm	2050	2000
Height (C)	mm	2200	2530
Fuel tank capacity (option)	ltr	730	500



> According to ISO 8528 Parts 1 and 5

> PRP: Prime power 100%, average power output $\leq 80\%$, no time limitation, plus 5% additional power for governing purpose only (if 1 h overload within 12 h operation time is requested please contact head quarters).

> LTP: Limited time power 100%, which is capable for up to 500 h/year of which maximum of 300 h/year is continuous running, not exceedable, but required power for governing purpose only has to be considered. Necessary supply of engine power usually 10% for governing purpose only.

Cowling and soundproofing: According to international standards

>The inner walls of the cowling: acoustic foam

> Doors and hatches: Sealed with rubber and foam join resists heat

>All steel supports: sandblasted and degreased covered:

Coupling

>The engine and alternator are coupled together and form a single piece by a semi elastic device.

>The coupling system is specially designed piece, flywheel housing.

>The system provides constant perfect alignment and allow a simple and easy maintenance

Chassis

>The frame is steel, generously sized, fully welded to the arc and absolutely rigid to support the complete generator with all accessories, coupled to the generator. Electrically welded which will be installed the engine and alternator through the insulating elastic soles vibration fixed with galvanized bolts and washers.

>The motor generator will be rigidly fixed flanges with a piece of semi elastic coupling

Painting

>The painting is of high quality and made of metalized 2 primer and 2 topcoats for all components and accessories of the generator.