



DPS 60

► 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	60
Rated apparent power (LTP) 3 phases	kVA	66
Nominal current (LTP) 400V - 3 phases	A	91,48
Engine		
Make		DEUTZ
Model		BF4M2011C
Exhaust Emission Standard	Stage	II
Rated PRP gross power	kW	56,1
Rated LTP gross power	kW	59,0
Cooling system		oil
Speed governing		mecanical
Governing Standard		G2
Number of cylinders		4
Engine configuration		IL
Displacement	ltr	3,11
Bore/Stroke	mm	102/132
Compression Ratio		18,1
Electrical equipment	V/dc	12
Air		
Max. Intake depression (Switch setting)	[mbar]	20
Combustion Air Volumne	[m³/h]	241
Exhaust System		
Max. exhaust Gas Temperature	[C°]	570
Max. Exhaust back pressure	[mbar]	30
Exhaust Gas Flow (at above temperature)	[m³/h]	704
Cooling System		
Standard Cooling System		
Fan Power Consumption	[kW]	2,1
Cooling Air Flow	[m³/h]	3200
Air Pressure Loss	[mbar]	80
Heat dissipation (convection)	[kW]	7,9
Lube Oil System		
Lube Oil Capacity (Slump)	[LTR]	10
Min Oil Pressure (Shutdown)	[bar]	1,5

Fuel Consumption

25% Load	231 [g/kWh]	3,9 [LTR/Hour]
50% Load	207 [g/kWh]	7,1 [LTR/Hour]
75% Load	207 [g/kWh]	10,6 [LTR/Hour]
100% Load	211 [g/kWh]	14,4 [LTR/Hour]
Fuel Filter	Spin-on Fuel Filter	
Optional	Pre-Filter w/ Water Separator	

Noise Level (Open / Canopy)

Sound pressure - 100% load, 7m average	dB(A)	67
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Generator

Make	Mecc Alte	
Model	ECP32 1M4B	
Generator efficiency	%	89,0

Controller

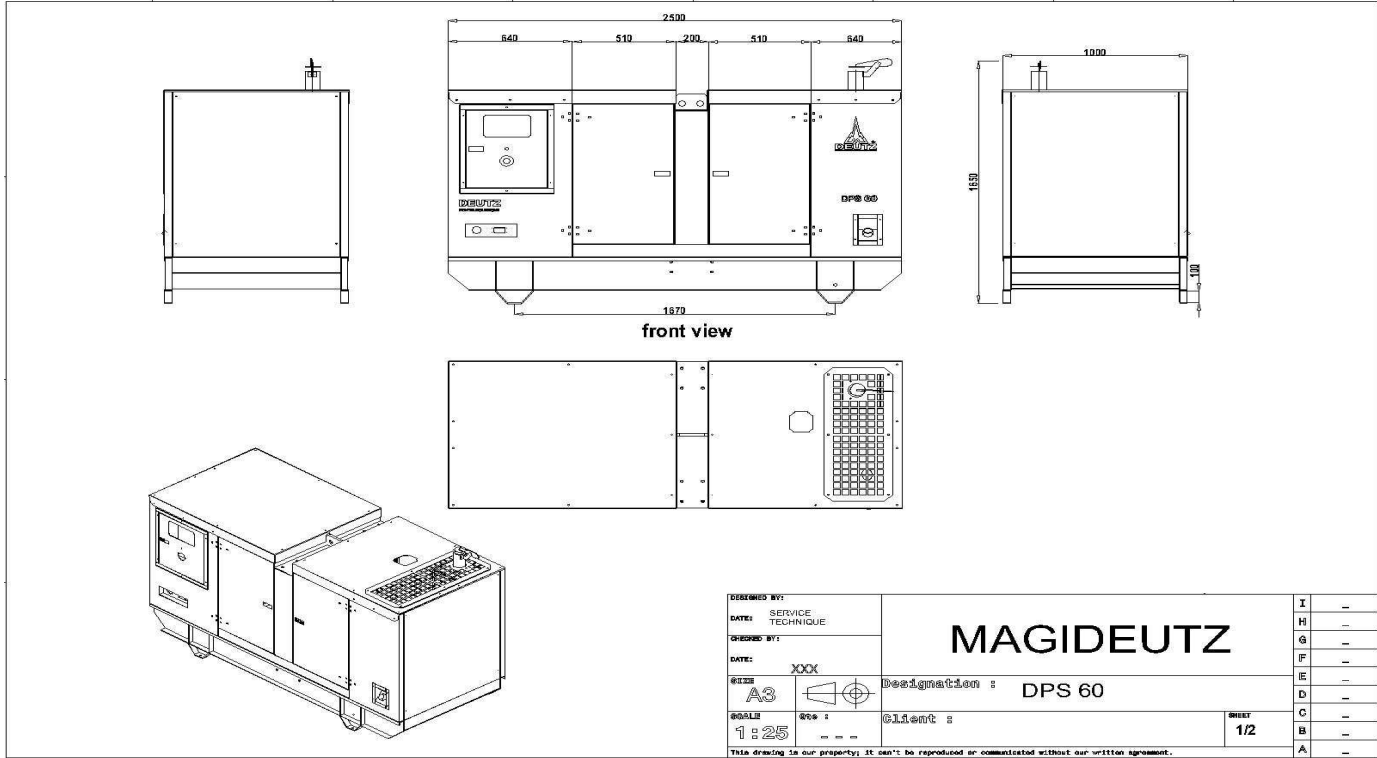


DEUTZ MODEL DESCRIPTION	CLASSIC	BASIC	COMFORT	DELUXE
FEATURES				
Binary Inputs / Outputs	6/6	4/6	7/7	8/8
Analog Inputs	3	3	3	4
Input & Output Configurations	✓	✓	✓	✓
D+ battery charging alternator circuit	✓	✓	✓	✓
Generator protections	✓	✓	✓	✓
AMF / MRS Functions	✓	✓	✓	✓
GCB/MCB Control with Feedback	✓	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	790	1220
Length	mm	2000	2500
Width	mm	950	1000
Height	mm	1450	1650
Fuel tank capacity (option)		ltr	105
			170



Cowling and soundproofing: According to international standards

- The inner walls of the cowling: pulverized antiresonant material
- Doors and hatches: Sealed with rubber and foam join resists heat
- All steel supports: sandblasted and degreased covered:
 - * A first layer of epoxides
 - * Two coats of synthetic paints

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.

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الموزع العام لمولدات دويتز الألمانية في المملكة العربية السعودية واليمن والعراق
المملكة العربية السعودية الرياض هاتف: 0114816587 فاكس: 0114816096

www.shatha.org

