



DPS 70

► Specifications

Genset model

Rated speed	rpm	1800
Net Frequency	Hz	60
Rated voltage 3 phases	V	480/277
Rated apparent power (PRP) 3 phases	kVA	71
Rated apparent power (LTP) 3 phases	kVA	75
Nominal current (LTP) 400V - 3 phases	A	89,89

Engine

Make		DEUTZ
Model		BF4M2011C
Exhaust Emission Standard	Stage	II
Rated PRP gross power	kW	63,6
Rated LTP gross power	kW	66,8
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 2M4B	
Generator efficiency	%	92,3

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



