



DN 275

Engine DEUTZ, BF6M1015C- LA G1A

STANDARD FEATURES

- Water cooled DEUTZ diesel engine.
- Radiator with pressure cap and drain point
- Fully guarded engine-driven fan
- Fully welded steel skid base with lifting points
- Heavy duty rubber anti-vibration mountings
- 24V starter batteries and connecting cables
- Separate engine-driven battery charging alternator
- Spin on oil and fuel filters and dry type air filter element



Voltage	Standby Power KVA	Prime Power KVA	Stand by Amps	Dimensions	Weight
415 / 240	275	250	313.2	L x W x H = 2550 x 1100 x 1700 mm	2715 Kg.
400 / 230	275	250	324.9		
380 / 220	275	250	342		

POWER DEFINITION

Prime Power is available for an unlimited number of annual operating hours in variable load applications

Standby Power is applicable for supplying emergency power in variable load applications

TERMS OF USE

Standard reference conditions Standby / Prime 27°C / 40°C Air Inlet Temp, 1000 m / 1000 m A.S.L. 60% relative humidity.



Main features:

- Heavy level acoustic attention: 65 dB at 1 meter from all directions on site
- A critical type muffler is mounted inside the enclosure
- Total design flexibility
- Robustness and enhanced durability
- Heavy duty base frame made up of steel U channels 10*5cm insulated with 10cm sound absorbing material and covered by 2, 3mm sheet steel from both sides up and down
- Canopy components are manufactured in 1.5, 2, 3mm sheet steel
- Canopy walls and ceiling are coated with sound absorbing material
- Anti Scratch 100 micron Powder Paint Coated under the temperature of 120 oC
- Four lockable doors
- Four lifting points
- Oil and coolant drainage points
- Easy canopy dismantling for maintenance purpose
- Full weather proof enclosure

Dimensions Super Sound Proof Version

Canopy	SSP250
Length (mm).	4800
Width (mm).	1450
Height (mm).	2100
Dry weight (kg).	N/A

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ENGINE SPECIFICATIONS

		DEUTZ BF6M1015C-LA G1A, 6 cylinders
DATA GENERAL DATA	Motor model	
	Cylinder arrangement	Vee Type
	Displacement (L)	11.906
	Bore (in) X Stroke (in)	132 mm x 145 mm
	Compression ratio	16.5:1
	Speed (RPM)	1500
	Cycle	4 Stroke
	Maximum stand-by power at rated RPM (BHP)	NA
	BMEP (psi)	NA
Governor type	ELECTRONIC	
EXHAUST SYSTEM	Exhaust gas temperature (°C)	463
	Exhaust gas flow (cfm)	1567
	Max. exhaust back pressure (mmWG)	250
FUEL SYSTEM	Consumption @ 110% load (L/hr)	57.2
	Consumption @ 100% load (L/hr)	52
	Consumption @ 75% load (L/hr)	38.2
	Consumption @ 50% load (L/hr)	26
OIL	Oil capacity (L)	38
	Min. oil pressure (Bar)	4.7
	Max. oil pressure (Bar)	7.5
	Oil consumption 100% load (L/hr)	N/A
THERMAL BALANCE	Heat rejection to exhaust (KW)	213
	Radiated heat to ambient (KW)	34
	Heat rejection to coolant (kW)	158
AIR INTAKE	AIR INTAKE_entree_max% Intake air flow (L/sec)	NA
COOLANT SYSTEM	Radiator & Engine capacity (L)	40
	Max water temperature (°C)	102
	Outlet water temperature (°C)	95
	Fan power (kW)	5.4
	Fan air flow w/o restriction (m3/sec)	5.5
	Available restriction on air flow (mm WG)	20
	Type of coolant Thermostat (°C)	Gencool 82-95
EMISSIONS	Emissions PM (g/kW.h)	NA
	Emission CO (g/kW.h)	NA
	Emissions HCNOx (g/kWh)	NA
	Emission HC (g/kW.h)	NA

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