

FPT100 KVA

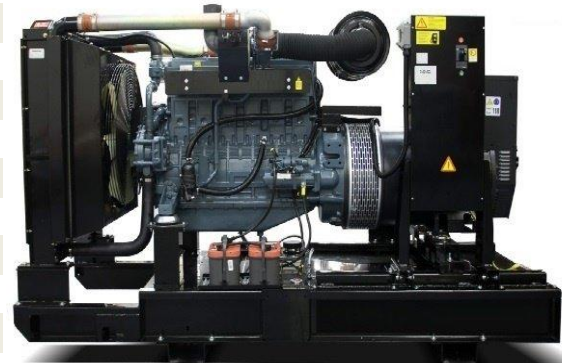
Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
FPT100	220-380 V	1500-50Hz	0.8	100	110
FPT110	120-208 V	1800-60Hz	0.8	110	120

* The prime power rating of the generating set is for unlimited hours usage with variable load usually between 70& 80 % of prime rate. Noting that a 10% overload is available for 1 hour every 12 hours operation

Engine Technical Data

Model	Iveco -FPT NEF45TM2A
Cylinders	4 Vertical In Line
Aspiration	Turbocharged / Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	4.5 L
Lube oil Capacity	12.8 L
Coolant Capacity	18.5 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	2.2 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.25 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	24.40	29.00
at 100% Load	22.00	26.30
at 80% Load	16.20	19.60
at 50% Load	11.00	13.50

Genset Shipping Data

	Open	Enclosed
Length in cm	230	300
Width in cm	80	120
Height in cm	140	145
Weight in kg	1,200	1,580

The above performance data are valid as per the following specs:

- Diesel fuel is according to BS2869 class A2 or equivalent
- Lubricating oil is according to API CH4 (SAE 15W/40)
- The coolant should be 50% antifreeze and 50% fresh water

NB: Information above may be changed without prior notice

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