

FPT160 KVA

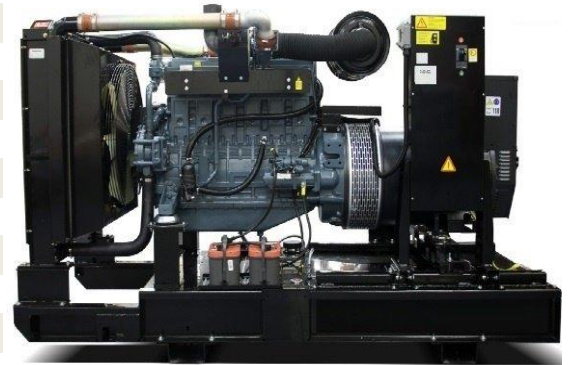
Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
FPT160	220-380 V	1500-50Hz	0.8	160	176
FPT170	120-208 V	1800-60Hz	0.8	170	187

* 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 N67TM3A
Cylinders	6 Vertical In Line
Aspiration	Turbocharged / Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	6.7 L
Lube oil Capacity	17.2 L
Coolant Capacity	25.5 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	3.8 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	39.00	44.20
at 100% Load	36.00	40.10
at 80% Load	29.00	32.50
at 50% Load	18.00	20.70

Genset Shipping Data

	Open	Enclosed
Length in cm	270	340
Width in cm	85	115
Height in cm	155	175
Weight in kg	1,450	2,355

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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