

## FPT300 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
FPT300	220-380 V	1500-50Hz	0.8	300	330
FPT330	120-208 V	1800-60Hz	0.8	330	350

\* 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 C87TE4
Cylinders	6 Vertical In Line
Aspiration	Turbocharged / Aftercooled
Combustion	Direct common rail
Cooling system	Water Cooled
Displacement	8.7 L
Lube oil Capacity	28 L
Coolant Capacity	58 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	5.65 m <sup>3</sup> /sec



### Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.48 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	72.40	83.50
at 100% Load	66.60	78.10
at 80% Load	52.60	60.80
at 50% Load	37.30	39.80

### Genset Shipping Data

	Open	Enclosed
Length in cm	320	450
Width in cm	110	130
Height in cm	180	200
Weight in kg	2,400	4,320

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% antifreez and 50% fresh water

NB: Information above may be changed without prior notice

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