Power Industry Machineries Company S.a.r.l

POWER Generating Sets

FPT – IVECO POWERTRAIN TECHNOLOGIES AUTHORIZED FPT OEM

Cummins Official OEM

VT375 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
VT375	220-380 V	1500-50Hz	0.8	375 kva	415 kva
VT410	120-208 V	1800-60Hz	0.8	410 kva	451 kva

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

Engine Technical Data

VOLVO PENTA

Model	Volvo Penta TAD1343GE
Cylinders	6 Vertical In Line
Aspiration	Turbocharged
Alternator V / Amp	24V / 80A
Cooling system	Water Cooled
Displacement	12.78 L
Lube oil Capacity	36.0 L
Coolant Capacity	44.0 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	6.8 m³/sec

Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.25 m³/sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	82.00	94.00
at 100% Load	74.00	84.00
at 75% Load	56.00	63.00
at 50% Load	39.00	43.00

Genset Shipping Data

	Open	Enclosed
Length in cm	335	392
Width in cm	113	143
Height in cm	180	196
Weight in kg	3230	4830

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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SMG ISO 9001