

VT150 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
VT150	220-380 V	1500-50Hz	0.8	152 kva	167 kva
VT160	120-208 V	1800-60Hz	0.8	161 kva	177 kva

* 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	Volvo Penta TAD731GE
Cylinders	6 Vertical In Line
Aspiration	Turbocharged
Alternator V / Amp	12V / 55A
Cooling system	Water Cooled
Displacement	7.15 L
Lube oil Capacity	20.0 L
Coolant Capacity	23.8 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	2.9 m ³ /sec

VOLVO PENTA



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	40.00	41.00
at 100% Load	36.00	36.00
at 75% Load	27.00	27.50
at 50% Load	18.50	19.25

Genset Shipping Data

	Open	Enclosed
Length in cm	275	338
Width in cm	90	113
Height in cm	1.52	174
Weight in kg	1510	2100

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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