

## VT250 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
VT250	220-380 V	1500-50Hz	0.8	250 kva	275 kva
VT250	120-208 V	1800-60Hz	0.8	257 kva	280 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 TAD734GE
Cylinders	6 Vertical In Line
Aspiration	Turbocharged
Alternator V / Amp	24V / 100A
Cooling system	Water Cooled
Displacement	7.15 L
Lube oil Capacity	29.0 L
Coolant Capacity	42.0 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	5.2 m <sup>3</sup> /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 <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	61.00	64.00
at 100% Load	52.75	55.00
at 75% Load	42.00	44.00
at 50% Load	30.00	31.25

### Genset Shipping Data

	Open	Enclosed
Length in cm	300	392
Width in cm	105	143
Height in cm	170	196
Weight in kg	2000	3515

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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