

## VT85 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
VT85	220-380 V	1500-50Hz	0.8	85 kva	94 kva
VT88	120-208 V	1800-60Hz	0.8	88 kva	97 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 TAD530GE
Cylinders	4 Vertical In Line
Aspiration	Turbocharged
Alternator V / Amp	12V / 55A
Cooling system	Water Cooled
Displacement	4.76 L
Lube oil Capacity	13.0 L
Coolant Capacity	19.7 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	1.5 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	21.00	22.00
at 100% Load	19.00	20.00
at 75% Load	14.50	15.50
at 50% Load	10.25	11.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	235	273
Width in cm	90	108
Height in cm	1.52	132
Weight in kg	1185	1485

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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