

VT630 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
VT630	220-380 V	1500-50Hz	0.8	630 kva	700 kva
VT685	120-208 V	1800-60Hz	0.8	685 kva	755 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 TWD1643GE
Cylinders	6 Vertical In Line
Aspiration	Turbocharged
Alternator V / Amp	24V / 80A
Cooling system	Water Cooled
Displacement	16.12 L
Lube oil Capacity	48.0 L
Coolant Capacity	166.0 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	12.0 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	142.00	156.00
at 100% Load	127.00	140.00
at 75% Load	94.00	103.00
at 50% Load	62.50	70.00

Genset Shipping Data

	Open	Enclosed
Length in cm	385	533
Width in cm	140	173
Height in cm	205	253
Weight in kg	4664	6670

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

HEAD OFFICE Power Industry Machineries Company - Lebanon

Beirut - Bir Hassan - Golf Building

Phone: 009611825531 Fax: 009611825532 Mobile: 009611 70 111 277

E-mail: pimco@pimcolb.com Website: www.pimcolb.com

FACTORY

Ghaziyeh - Zahrani Highway

Phone: 00961 1 7 225 226 Fax: 00961 1 7 225 229

