

## PT1000 KVA

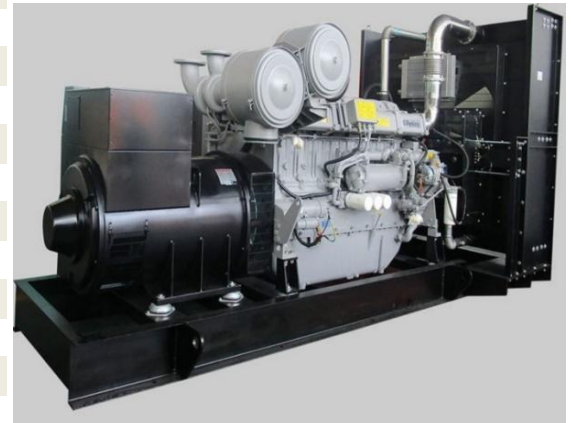
### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT1000	220-380 V	1500-50Hz	0.8	1000 kva	1122 kva
PT1000	120-208 V	1800-60Hz	0.8	995 kva	1097 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	Perkins 4008-23TAG2A
Cylinders	8 Vertical In Line
Aspiration	Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	30.561 L
Lube oil Capacity	153 L
Coolant Capacity	149 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	20 m <sup>3</sup> /sec



### Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	1.0 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	240.00	249.00
at 100% Load	215.00	224.00
at 75% Load	162.00	162.00
at 50% Load	111.00	108.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	471	830
Width in cm	225	275
Height in cm	245	360
Weight in kg	7550	16500

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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