

## CT1000 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT1000	220-380 V	1500-50Hz	0.8	1000 kva	1100 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	Cummins KTA38G5
Cylinders	12 Vee type
Aspiration	Turbocharged, Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	38 L
Lube oil Capacity	140 L
Coolant Capacity	218.5 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	18.9 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	1.6 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz
at 100% Load	209.00
at 75% Load	161.00
at 50% Load	113.00
at 25% Load	65.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	470	900
Width in cm	210	270
Height in cm	240	365
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% antifreez and 50% fresh water

NB: Information above may be changed without prior notice

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