

## CT100 KVA

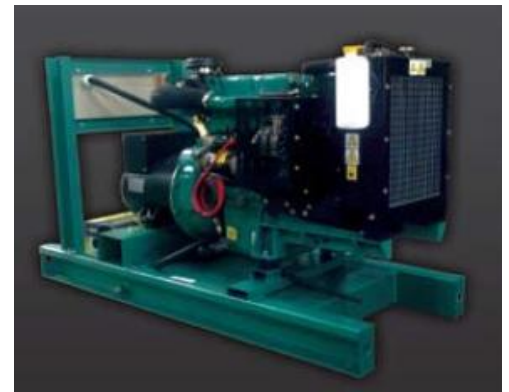
### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT100	220-380 V	1500-50Hz	0.8	100 kva	110 kva
CT100	120-208 V	1800-60Hz	0.8	114 kva	125 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 6BTA5.9G5/G6
Cylinders	6 Vertical In Line
Aspiration	Turbocharged & Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	5.88 L
Lube oil Capacity	15.0 L
Coolant Capacity	24.0 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	3.4 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	0.25 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 100% Load	25.00	31.00
at 75% Load	18.00	23.00
at 50% Load	12.00	16.00
at 25% Load	7.00	9.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	235	355
Width in cm	85	115
Height in cm	120	200
Weight in kg	1200	2050

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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