

## CT500 KVA

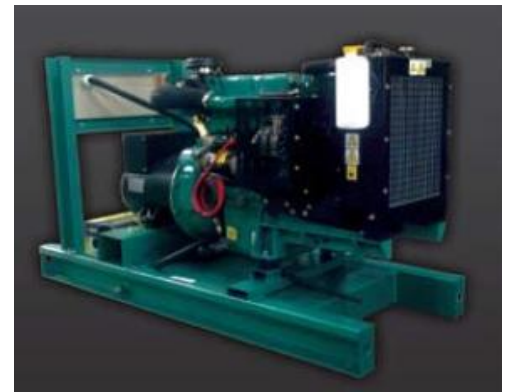
### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT500	220-380 V	1500-50Hz	0.8	500 kva	550 kva
CT450	120-208 V	1800-60Hz	0.8	450 kva	500 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 QSX15G8
Cylinders	6 Vertical In Line
Aspiration	Turbocharged, Air cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	15 L
Lube oil Capacity	91 L
Coolant Capacity	42 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	11.8 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	0.9 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 100% Load	103.00	97.00
at 75% Load	78.00	75.00
at 50% Load	55.00	53.00
at 25% Load	30.00	31.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	365	565
Width in cm	145	185
Height in cm	200	255
Weight in kg	3750	6000

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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