

CT155 KVA

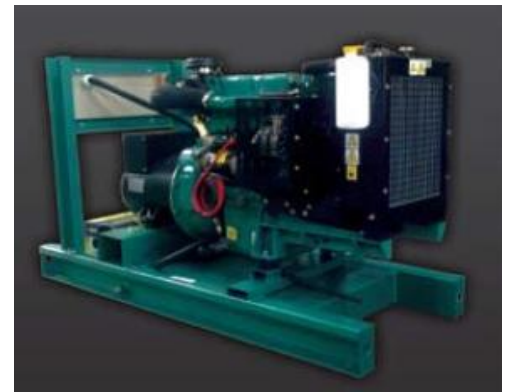
Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT155	220-380 V	1500-50Hz	0.8	155 kva	170 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 6BTAA5.9G7
Cylinders	6 Vertical In Line
Aspiration	Turbocharged & Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	5.9 L
Lube oil Capacity	16.4 L
Coolant Capacity	21.4 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	3.7 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.48 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz
at 100% Load	37.00
at 75% Load	29.00
at 50% Load	19.00
at 25% Load	9.00

Genset Shipping Data

	Open	Enclosed
Length in cm	265	355
Width in cm	85	125
Height in cm	160	200
Weight in kg	1450	2450

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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