

CT1400 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT1400	220-380 V	1500-50Hz	0.8	1400 kva	1675 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 KTA50G8
Cylinders	16 Vee type
Aspiration	Turbocharged, Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	50.3 L
Lube oil Capacity	178 L
Coolant Capacity	496 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	28.8 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	6
Frequency	50Hz
Cooling Air Flow @ 50 Hz	2.69 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz
at 100% Load	289.00
at 75% Load	222.00
at 50% Load	155.00
at 25% Load	82.00

Genset Shipping Data

	Open	Enclosed
Length in cm	575	950
Width in cm	225	290
Height in cm	300	375
Weight in kg	10200	19800

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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