

CT810 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
CT810	220-380 V	1500-50Hz	0.8	810 kva	900 kva
CT900	120-208 V	1800-60Hz	0.8	909 kva	1000 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 QSK23G3
Cylinders	12 Vee type
Aspiration	Turbocharged, Aftercooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	23.1 L
Lube oil Capacity	103 L
Coolant Capacity	110 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	17.4 m ³ /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 ³ /sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 100% Load	161.00	189.00
at 75% Load	121.00	139.00
at 50% Load	85.00	97.00
at 25% Load	46.00	56.00

Genset Shipping Data

	Open	Enclosed
Length in cm	445	750
Width in cm	170	250
Height in cm	215	340
Weight in kg	6350	13750

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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