

PT2000 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT2000	220-380 V	1500-50Hz	0.8	2000 kva	2250 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	Perkins 4016-61TRG2
Cylinders	16 Vee Type
Aspiration	Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	61.123 L
Lube oil Capacity	213 L
Coolant Capacity	252 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	36.83 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	2.5 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz
at 110% Load	513.00
at 100% Load	442.00
at 75% Load	317.00
at 50% Load	209.00

Genset Shipping Data

	Open	Enclosed
Length in cm	664	1100
Width in cm	280	330
Height in cm	355	375
Weight in kg	15700	26000

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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